

# 2011 - 2012

## Course Code Directory and Instructional Personnel Assignments

This document applies to programs in public schools, grades PreK-12, and certain postsecondary programs that begin in the time period of the first day of the 2011-2012 school year through the day prior to the beginning of the 2012-2013 school year.

Florida Department of Education

# Section 1 - Course Code Directory System Guide

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**Course Listings** – Courses listed in the Course Code Directory are available on the Office of Articulation website at <http://www.fldoe.org/articulation/CCD/default.asp> by selecting the appropriate school year on the left navigation menu.

## Submitting a New Course

To submit a new course to be reviewed by the Florida Department of Education (DOE) for inclusion in the Course Code Directory (CCD), please follow these steps:

- 1) Access a submission form on the CCD website: <http://www.fldoe.org/articulation/CCD/default.asp>

*Note: Please be sure to obtain the appropriate form and to obtain the signature required on the form.*

- 2) Develop a comprehensive course description that follows the general template of the following examples:

- [http://www.fldoe.org/BII/curriculum/Course\\_Descriptions/](http://www.fldoe.org/BII/curriculum/Course_Descriptions/)
- <http://www.floridastandards.org/Courses/CourseDescriptionSearch.aspx>

*Note: Please be sure you use the Next Generation Sunshine State Standards (Common Core State Standards) as adopted.*

- 3) After completing the forms and writing the course descriptions, please follow these last two steps:

- Email the signed form, course description and evidence of school board approval to [trinity.colson@fldoe.org](mailto:trinity.colson@fldoe.org).
- Mail the physical documents to:

Trinity Colson  
Manager, Course Code Directory  
Florida Department of Education  
325 West Gaines Street, Suite 1401  
Tallahassee, FL 32399-0400

## A) Curriculum and Standards

### INTRODUCTION

[State Board of Education Rule 6A-1.09441, Florida Administrative Code](#) (FAC), requires that programs and courses funded through the Florida Education Finance Program (FEFP) and courses or programs for which students may earn credit toward high school graduation must be listed in the CCD. The course code numbers are essential in the collection of information for use by decision-makers in the following areas:

1. Program planning and evaluation at the state level;
2. Cost reporting at the school, district, and postsecondary levels;
3. Course identification at the school, district, postsecondary, and state levels;
4. Provision of information to local, state, and federal education and legislative agencies; and
5. Fiscal and program audits.

The rule requires that school-level, district-level, and postsecondary-level personnel use this Directory when performing the following tasks:

1. Scheduling students into any PreK-12 course;
2. Aggregating student assignments for course data;
3. Identifying courses which may be used to fulfill graduation and program completion requirements; and
4. Determining appropriate educator certification for specified courses.

### NEXT GENERATION SUNSHINE STATE STANDARDS

The DOE, with assistance from education stakeholders throughout the state, developed the [Next Generation Sunshine State Standards](#) (NGSSS) that identify what Florida public school students should know and be able to do. The benchmarks are in the subject areas of language arts, mathematics, science, social studies, the arts (dance, music, theatre, visual arts), health education, physical education, and world languages. These describe the level of student achievement for which the state will hold schools accountable for students' learning. The domains, strands, standards, and benchmarks which comprise the NGSSS are authorized by [Section 1003.41, F.S.](#), and are adopted by the SBE. [Rule 6A-1.09401, FAC](#), requires public schools to provide appropriate instruction to assist students in the achievement of these Standards. [Section 1008.25, F.S.](#), requires each district school board to incorporate the NGSSS into the district student progression plan.

### COMMON CORE STATE STANDARDS IN MATHEMATICS AND LANGUAGE ARTS

These new state standards were adopted in July 2010 and will begin being assessed in 2014-15. These standards may be accessed at [http://www.floridastandards.org/Standards/Common\\_Core\\_Standards.aspx](http://www.floridastandards.org/Standards/Common_Core_Standards.aspx).

## **ACCESS POINTS FOR STUDENTS WITH SIGNIFICANT COGNITIVE DISABILITIES**

The Next Generation Sunshine State Standards include access points for students with significant disabilities. These access points are expectations for students with significant cognitive disabilities to access the general education curriculum. Access points reflect the core intent of the standards with reduced levels of complexity. The three levels of complexity include participatory, supported, and independent, with the participatory level being the least complex.

## **GRADE WEIGHTING/COURSE LEVELS**

For purposes of class ranking, [Section 1007.271, F.S.](#), authorizes the district school board to exercise a weighted grading system. Beginning with students entering ninth grade in the 2006-2007 school year, districts and colleges must weigh dual enrollment courses the same as Advanced Placement (AP), International Baccalaureate (IB), and Advanced International Certificate of Education (AICE) courses when grade point averages are calculated, as required by [Section 1007.271\(16\), F.S.](#) Alternative grade calculation or weighting systems that discriminate against dual enrollment courses are prohibited. Courses designated as Level 3 courses in the CCD are those courses containing rigorous academic curriculum and performance standards as determined by the DOE, pursuant to [Section 1009.531\(3\), F.S.](#)

## **COMMUNITY SERVICE**

[Section 1003.43\(1\)\(k\), F.S.](#), allows school boards to award a maximum of one-half credit in social studies and one-half elective credit for student completion of non-paid voluntary community or school service work. Students choosing this option must complete a minimum of 75 hours of service in order to earn the one-half credit in either category of instruction. In order to earn two one-half credits, students would have to complete 150 hours of service. Credit may not be earned for service provided as a result of court action. School boards that approve the award of credit for student volunteer service must develop guidelines regarding the award of such credit, and school principals are responsible for approving specific volunteer activities. Under the provisions of this legislation, the DOE has prepared course descriptions for a half-credit elective course in social studies, Voluntary School/Community Service (2104330) and a half-credit general elective course, Voluntary Public Service (0500370).

District school boards may also choose to (1) award the one-half credit in social studies as part of an existing elective social studies course listed in grades 9-12 of the CCD and/or (2) offer an elective one-half credit as part of any course listed in the CCD that is used to fulfill part of the eight and one-half elective graduation credits. This option would require that existing content and course requirements for the course be implemented along with the required 75 hours of volunteer community or school service and that the district school board adopt appropriate performance standards for the volunteer community or school services portion of the course.

## **WORLD (FOREIGN) LANGUAGES**

Middle /Junior (M/J) Course Sequencing: It is each district school board's responsibility to determine high school world language placement policies for those students who complete the M/J Foreign Languages two-course or three-course sequence in middle school. Districts should use the high school course number for students who will be awarded high school credit for world language high school credits.

## MULTIPLE-CREDIT COURSES

Multiple-credit courses are available in some areas of the CCD. Districts are required to ensure that student achievement expectations are raised as the student progresses through the sequence. The Department has not set a limit on the number of times such a course may be used.

## PREKINDERGARTEN PROGRAM FOR STUDENTS WITH DISABILITIES/INCLUSIVE OR “BLENDED SETTINGS”

When the Head Start, Title I, school readiness, prekindergarten other, or VPK education program serves as an inclusive setting for a child with a disability receiving special education in accordance with an IEP, or these programs are “blended” with the prekindergarten disabilities program, the teacher may hold certification as required in the Head Start, Title I, school readiness, prekindergarten other, VPK education course code description, **or** as listed in [Section 4](#) for the applicable prekindergarten disabilities course number. When this model is used, one teacher may serve as both the ESE teacher for the preschool children with disabilities and the prekindergarten teacher for children served by the other preschool program identified above. Beginning **July 1, 2012**, for the models described in this section (inclusive or blended settings), the teacher must meet the certification requirements specified in [Section 4](#) for the applicable prekindergarten disabilities course number.

The exceptions to the requirement for the prekindergarten disabilities endorsement, as noted on Page 12, are applicable.

## STUDENTS WITH DISABILITIES – ADDITIONAL INFORMATION

The courses listed in [Section 4](#) represent a range of exceptional student education courses available for students with disabilities. Some courses for grades 6-8 and 9-12 in [Section 4](#) include a range of intended student outcomes and may be repeated. Students may earn multiple credits in courses for grades 9-12. When using multiple credit courses, the particular course requirements and course performance objectives must be specified on an individual basis for each credit earned.

Students with disabilities entering the 9<sup>th</sup> grade in or prior to 2010-2011 may access different courses at different levels of complexity, depending on their individual needs and abilities. The courses under Academics-Subject Areas and identified as access courses are designed for all students working on the access points.

- The courses listed under **Special Skills Courses** are designed to meet the specialized needs of students with exceptionalities. Some courses are tailored to meet the specific needs of a particular category of exceptionality. Other courses in [Section 4](#) may be used to meet the individual needs of any student with exceptionalities.
- The courses listed under **Miscellaneous** are designed to meet the needs of students with exceptionalities who need to learn special content or skills in these areas. The content of these courses is different from grades PreK to 12 education courses in the same areas.
- The courses listed under **Therapy** are designed to meet the needs of students with disabilities who need to receive specialized services in identified areas. Typically these courses are not offered for class credit.
- The titles listed under **Non-Credit** represent instructional settings (such as hospital/homebound services) and are included only for the purposes of scheduling.
- The courses listed under **CTE** for students with disabilities are designed to meet the career and technical skill needs of students with disabilities. These courses are appropriate when it has been determined that modifications, or the use of modified occupational completion points, are not sufficient for the successful mastery of regular CTE courses.



## B) Educator Certification

### HIGHLY QUALIFIED TEACHERS

The [No Child Left Behind Act of 2001](#) (NCLB) places a major emphasis on highly qualified teachers (HQT). This federal law establishes requirements for determining if a teacher meets the criteria for being reported as “highly qualified” under NCLB. It is important to note that current Florida Statutes and SBE Rules relating to the classification of teachers reported for Florida purposes as “in-field,” “qualified,” or “out-of-field” are not the same as the federal highly qualified designation requirements. Thus, a teacher may be considered “in-field” pursuant to the requirements of the CCD, but will not be classified as a HQT in the NCLB reporting.

### ANY FIELD CERTIFICATION COVERAGE

Some courses listed in the CCD display the appropriate certification as “Any Field When Certificate Reflects Bachelor or Higher Degree” or “Any Academic Coverage.” These coverages may not meet the requirements of NCLB “HQT” and will, therefore, be subject to review and change. Consistent with the emphasis on educational reform and school improvement, districts and schools are encouraged to explore methods of offering courses and programs in new and innovative ways to address their school improvement plans.

### DROPOUT PREVENTION, TEENAGE PARENT, AND DEPARTMENT OF JUVENILE JUSTICE PROGRAMS

To be “in-field” and “highly qualified” when assigned to Dropout Prevention, Teenage Parent, or Department of Juvenile Justice programs, teachers must be certified in the specific core academic areas being taught or meet the requirements of a High, Objective, Uniform State Standard of Evaluation (HOUSSE) plan, as appropriate. See <http://info.fldoe.org/dscqi/ds.py/Get/File-2439/Forms.pdf>.

For teenage parent programs, child care providers serving children three to five years old without a valid teacher's certificate must meet:

- the minimum credentialing standards of a child development associate (CDA) credential **-OR-**
- a CDA equivalency as defined in [Rule 65C-22.003, FAC](#).

### READING

K-6 or 1-6 remains the appropriate coverage to teach reading at the elementary or middle school (6<sup>th</sup> grade only) level. In order to teach a reading course at the middle school (with the exception of a 6<sup>th</sup> grade elementary education certified teacher teaching 6<sup>th</sup> grade reading) or high school level, a teacher must be certified in reading or carry the reading endorsement on the certificate. The reading endorsement may only be added to a certificate that reflects a Bachelor’s degree or higher.

Certification in Primary Education K-3 and Prekindergarten Primary PK-3 may also be appropriate coverages at those grade levels.

## READING CERTIFICATION REQUIREMENTS FOR EXCEPTIONAL STUDENT EDUCATION (ESE) TEACHERS

Grades K-6: The elementary ESE teacher must meet the certification requirements for an elementary education teacher. If the ESE teacher meets the certification requirements of a general education elementary teacher, then the ESE teacher also meets the highly qualified requirements for reading, grades K-6. Certification in Primary Education K-3 and Prekindergarten Primary PK-3 may also be appropriate coverages at those grade levels.

Grades 7-12: The secondary ESE teacher who is teaching a reading course must have the reading endorsement or reading certification unless the level of instruction provided to the students is at an elementary level; in this circumstance, then the secondary ESE teacher must meet the certification requirements for elementary education.

## HIGHLY QUALIFIED REQUIREMENTS FOR EXCEPTIONAL STUDENT EDUCATION (ESE) TEACHERS

All K-12 ESE teachers teaching ESE core academic subjects as described in [Section 4](#) must meet the HQT requirements for the appropriate core academic subject areas as noted below.

- An ESE teacher teaching students in grades K-6 enrolled in 7700 (K-5 students) and 7800 \*(Grade 6 students) series core academic subject courses must meet the HQT requirements for elementary education..
- An ESE teacher teaching 7800 and 7900 series core academic courses must meet the HQT requirements for elementary if the level of instruction\* (not the grade level of the student) is at the elementary level.
- An ESE teacher teaching 7800 or 7900 series core academic courses must meet the HQT requirements for the core academic subject if the level of instruction\* (not the grade level of the student) is at the secondary level. For a newly-hired ESE teacher teaching multiple subjects and already high qualified in math, science, or language arts, the teacher will be given two years from the date of employment to meet the High, Objective, Uniform State Standard of Evaluation (HOUSSE) or certification requirements in the other ESE core academic subjects taught.

Teachers providing hospital/homebound services must be highly qualified for the basic core academic subjects taught.

*Note: Refer to the table beginning on Page 13 for additional information regarding types of courses, scheduling methods/service delivery, certification, and HQT. \*Level of instruction is based on the grade level content that is being taught, not the reading or math level of the student.*

For a newly-hired ESE teacher teaching multiple subjects and already highly qualified in math, science, or language arts, the teacher will be given two years from the date of employment to meet the High, Objective, Uniform State Standard of Evaluation (HOUSSE) or certification requirements in the other core academic subjects taught.

Teachers providing hospital/homebound services must be highly qualified for the core academic subjects taught.

## REQUIREMENTS FOR ESE ENDORSEMENTS

Four endorsement areas are provided for teachers of students with disabilities:

- severe or profound disabilities
- orientation and mobility for visually impaired
- prekindergarten disabilities and
- autism spectrum disorder.

The orientation and mobility endorsement is currently required for course number 7763060, Orientation and Mobility PK-5, course number 7863060, Orientation and Mobility 6-8, and course number 7963060, Orientation and Mobility Skills. The autism spectrum disorder (ASD) endorsement, as described in [Rule 6A-4.01796, F.A.C., Specialization Requirements for Endorsement in Autism – Academic Class](#), is required as of July 1, 2011, for K-12 ESE teachers with **100% of students on their caseload or in their class** identified as having autism spectrum disorders. The endorsement can be added to any ESE Florida educator certificate. The exceptions to this requirement are for ESE teachers who:

- have the severe/profound endorsement, as described in [Rule 6A-4.01793, F.A.C., Specialization Requirements for Endorsement in Severe or Profound Disabilities, Academic Class](#), on their Florida teaching certificates **or**
- can document at least two full years of teaching experience (including satisfactory teacher evaluations as determined by the school district) with students with ASD between July 1, 2006 – June 30, 2011.

The prekindergarten disabilities endorsement, as described in [Rule 6A-4.01792, F.A.C., Specialization Requirements for the Prekindergarten Disabilities Endorsement](#), is required as of July 1, 2011, for ESE teachers who teach **either course number 7650030 or 7650130** as listed in the CCD. This endorsement can be added to primary education, elementary education (K-6), early childhood education, or any ESE Florida educator certificate. The exceptions to this requirement are for teachers who:

- have certification in preschool education (birth through age four years) **or**
- have certification in prekindergarten/primary education (age three years through grade three) **or**
- can document at least two full years of teaching experience (including satisfactory teacher evaluations as determined by the school district) with prekindergarten children with disabilities between July 1, 2006 – June 30, 2011.

## GIFTED SERVICE MODELS

The courses listed under **Gifted** are designed to meet the needs of students who have met state eligibility criteria and are identified as gifted ([Rule 6A-6.03019, FAC](#)). Programs for students who are gifted encompass instructional and related services that provide significant adaptations in curriculum, methodology, materials, equipment, or the learning environment ([Rule 6A-6.0311, FAC](#)).

All K-12 teachers providing services to students who are gifted must meet the highly qualified certification requirements and have the gifted endorsement. If the course is not based in a specific content area, certification must be for the age/grade of the students. An out-of-field teacher of the gifted must take at least two courses each year to meet endorsement requirements. Parents must be notified at the beginning of the year when the teacher is currently out-of-field.

<u>Course Number</u>	<u>Course Title</u>	<u>Course Number</u>	<u>Course Title</u>
7755040	Advanced Academics: K-5	7855040	Advanced Academics: 6-8
7855042	Advanced Academics & Career Planning: 6-8	7963090	Skills for Students who are Gifted: 9-12
7965010	Research Methodology for Students who are Gifted: 9-12	7965030	Externship for Students who are Gifted: 9-12
7965040	Studies for Students who are Gifted: 9-12	*Students must meet gifted program state eligibility requirements.	

Services for students who are gifted may be provided directly or indirectly. For more information on Gifted Education, please visit [http://www.fldoe.org/bii/gifted\\_ed/](http://www.fldoe.org/bii/gifted_ed/).

## CERTIFICATION/HIGHLY QUALIFIED REQUIREMENTS FOR DIFFERENT SCHEDULING METHODS USED FOR STUDENTS WITH DISABILITIES

Information is provided in the table below on scheduling methods/service delivery with corresponding certification and HQT requirements based on various types of courses. **Districts should exercise discretion in implementing these options based on the consideration of appropriateness to student needs and related staffing issues.**

Type of Course	Scheduling Method/Service Delivery	Certification Requirements in accordance with <a href="#">SBE Rule 6A-1.0503, F.A.C.</a>	HQT Requirements in accordance with NCLB	Additional Comments
<p><b>1. Grades PreK to 12 education</b></p>	<p><b>One teacher (Grades PreK to 12 education) is providing instruction.</b></p> <p>AND</p> <p><b>An ESE teacher is providing consultation services</b> in accordance with a student's IEP.</p>	<p>Grades PreK to 12 education teacher must meet certification requirements in accordance with the Grades PreK to 12 education course number.</p> <p>ESE teacher must meet certification requirements for any ESE area. <i>Note: If consultation is provided to address a student's visual impairment in accordance with the IEP, the required certification is visually impaired. If consultation is provided to address a student's hearing impairment in accordance with the IEP, the required certification is hearing impaired. If consultation is provided to address a student's dual sensory impairment, see <a href="#">Section 4</a> for the applicable certifications. If consultation is being provided by an occupational or physical therapist, or speech-language pathologist, see <a href="#">Section 4</a> for applicable credential/certification.</i></p>	<p>Grades PreK to 12 education teacher must meet HQT requirements for Grades PreK to 12 core academic subjects taught.</p> <p>ESE teacher is not required to meet HQT requirements since this teacher is not providing instruction in the core academic subject.</p>	<p>For consultation services as identified in the student's IEP the Grades PreK to 12 education teacher and ESE teacher meet face-to-face <u>or</u> via conference call or virtual technologies on a regular basis to plan, implement, and monitor instructional alternatives designed to ensure that the student with a disability is successful in the general education classroom. If claiming these services on the Matrix of Services Document, the meetings must be face-to-face.</p>
<p><b>2. Grades PreK to 12 education</b></p>	<p><b>Two teachers are providing instruction through co-teaching</b> in accordance with <a href="#">Section 1003.03(5)(c), F.S.</a> Both teachers share responsibility for planning, delivering, and evaluating instruction for <b>all students</b> in a class/subject for the entire class period.</p>	<p>Both teachers must meet certification requirements in accordance with the Grades PreK to 12 education course number.</p> <p>If one co-teacher is also providing the specially-designed instruction as indicated on a student's IEP, the teacher must meet certification requirements for any ESE area.</p>	<p>Both teachers must meet HQT requirements for Grades PreK to 12 core academic subjects taught.</p>	

<p><b>3. Grades PreK to 12 education</b></p>	<p><b>Two teachers are providing instruction (not co-teaching). The Grades PreK to 12 education teacher</b> is teaching the Grades PreK to 12 education course content.</p> <p>AND</p> <p><b>An ESE teacher provides services via “in class one-on-one.”</b> In class one-on-one is defined in the Automated Student Information System as follows: “Teacher meets with an individual student or small group of students on an individualized basis within a traditional classroom but not as a co-teacher.” <b>In class one-on-one</b> is also known as, “<b>support facilitation,</b>” or “<b>inclusion teaching</b>” in accordance with <a href="#">s. 1003.03(5), F.S.</a></p>	<p>Grades PreK to 12 education teacher must meet certification requirements in accordance with the Grades PreK to 12 education course number.</p> <p>ESE teacher must meet certification requirements for any ESE area. <i>Note: If in class one-on-one is provided to address a student’s visual impairment in accordance with the IEP, the required certification is visually impaired. If in class one-on-one is provided to address a student’s hearing impairment in accordance with the IEP, the required certification is hearing impaired. If consultation is provided to address a student’s dual sensory impairment, see <a href="#">Section 4</a> for the applicable certifications. If in class one-on-one is being provided by an occupational or physical therapist, or speech-language pathologist, see <a href="#">Section 4</a> for applicable credential/certification.</i></p>	<p>Grades PreK to 12 education teacher must meet HQT requirements for Grades PreK to 12 core academic subject.</p> <p>ESE teacher is not required to meet HQT requirements since this teacher is not providing instruction for the Grades PreK to 12 core academic subject.</p>	
<p><b>4. Grades PreK to 12 education</b></p>	<p><b>One teacher serves as both the Grades PreK to 12 education teacher and the ESE teacher</b> to provide the specially-designed instruction as identified on the students’ IEPs.</p>	<p>The teacher must meet certification in accordance with the Grades PreK to 12 education course number.</p> <p><b>AND</b></p> <p>The teacher must meet certification requirements for any ESE area.</p>	<p>The teacher must meet HQT requirements for Grades PreK to 12 core academic subject.</p>	<p>At the IEP meeting, the teacher may sign the IEP as the general education teacher and the special education teacher.</p>
<p><b>5. Grades PreK to 12 education and ESE</b></p>	<p><b>One teacher (Grades PreK to 12 education) is providing instruction for both the Grades PreK to 12 and ESE courses.</b></p> <p>AND</p> <p><b>An ESE teacher provides services via “in class</b></p>	<p>Grades PreK to 12 education teacher must meet certification requirements in accordance with the Grades PreK to 12 education course number. <i>Note: The Grades PreK to 12 education teacher is not out-of-field for the ESE course number.</i></p> <p>ESE teacher must meet certification requirements for any ESE area. <i>Note: If in class one-on-one is</i></p>	<p>Grades PreK to 12 education teacher must meet HQT requirements for Grades PreK to 12 core academic course.</p>	

	<p><b>one-on-one.</b>” In class one-on-one is defined in the Automated Student Information System as follows: “Teacher meets with an individual student or small group of students on an individualized basis within a traditional classroom but not as a co-teacher.” <b>In class one-on-one</b> is also known as, “<b>support facilitation,</b>” or “<b>inclusion teaching</b>” in accordance with <a href="#">s. 1003.03(5), F.S.</a></p>	<p><i>provided to address a student’s visual impairment in accordance with the IEP, the required certification is visually impaired. If in class one-on-one is provided to address a student’s hearing impairment in accordance with the IEP, the required certification is hearing impaired. If consultation is provided to address a student’s dual sensory impairment, see <a href="#">Section 4</a> for the applicable certifications. If in class one-on-one is being provided by an occupational or physical therapist, or speech-language pathologist, see <a href="#">Section 4</a> for applicable credential.</i></p>	<p>ESE teacher is not required to meet HQT requirements since this teacher is not providing instruction for the Grades PreK to 12 core academic subject.</p>	
<p><b>6. Grades PreK to 12 education and ESE</b></p>	<p><b>One teacher serves as both the Grades PreK to 12 education teacher and the ESE teacher</b> to provide the specially-designed instruction as identified on the students’ IEPs.</p>	<p>The teacher must meet certification requirements in accordance with the Grades PreK to 12 education course number.</p> <p><b>AND</b></p> <p>The teacher must meet certification requirements for the applicable ESE course number.</p>	<p>The teacher must meet HQT requirements for the core academic subject. Additionally the level of instruction, not the grade level of the students, determines the HQT requirements for the ESE course. If the level of instruction provided to the students is at K-6, the teacher must meet the HQT requirements for elementary education. If the level of instruction provided to the students is at the grade 7-12 level, the teacher must meet the HQT requirements for the appropriate secondary core academic subject area (e.g., English).</p>	

<b>7. ESE (7700, 7800, 7900 series)</b>	<b>One teacher (ESE) is providing instruction.</b>	ESE teacher must meet certification requirements for the applicable ESE course number.	The teacher must meet HQT requirements for the core academic subject. Additionally the level of instruction, not the grade level of the students, determines the HQT requirements for the ESE course. If the level of instruction provided to the students is at K-6, the teacher must meet the HQT requirements for elementary education. If the level of instruction provided to the students is at the grade 7-12 level, the teacher must meet the HQT requirements for the appropriate secondary core academic subject area (e.g., English).	
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## CAREER AND TECHNICAL EDUCATION COURSES (REGULAR AND ESE)

Required certification for specific CTE programs in which students enroll is listed in the certification column adjacent to the particular program. Students with disabilities may enroll in regular or ESE CTE courses. Districts are encouraged to use allowable accommodations and modifications, or modified occupational completion points (MOCPs), to enable students with disabilities to participate in regular CTE programs.

## ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) CERTIFICATION, TRAINING, AND REPORTING REQUIREMENTS

As specified in the [1990 League of United Latin American Citizens \(LULAC\) et. al. v. the State Board of Education Consent Decree](#) and [Rule 6A-6.0907, F.A.C.](#), and other applicable SBE Rules, districts should report student membership data using the appropriate course numbers, FEFP category, and instructional strategy used. Specific ESOL and Home Language in-service training and certification/endorsement requirements apply to personnel assigned to serve English Language Learners (ELLs). Students identified as ELL should be enrolled in district ESOL programs as described in the state-approved District ELL Plan and as prescribed in the 1990 ESOL Agreement and Sections [1003.56](#) and [1011.62, F.S.](#) ELLs enrolled in language arts, reading, mathematics, science, social studies, and computer literacy courses will generate ESOL-weighted funding, provided ESOL or home language strategies are used in the course. Certification coverage and training requirements for instructional personnel serving ELL students must be adjusted as indicated below.

1. The primary English/Language Arts taught to ELLs using ESOL strategies require:
  - a. K-12 ESOL Certification; or
  - b. appropriate coverage and level to teach English/Language Arts plus the ESOL Endorsement; or
  - c. foreign language coverage plus the ESOL Endorsement; or
  - d. compliance with all in-service requirements that may be required under [Rule 6A-6.0907, F.A.C.](#)



2. Developmental Language Arts-Reading taught to ELLs using ESOL strategies require:
  - a. appropriate coverage and level, plus the ESOL Endorsement and Reading Endorsement; or
  - b. appropriate coverage and level, plus the ESOL Endorsement and K-12 Reading Certification; or
  - c. K-12 ESOL Certification plus Reading Endorsement; or
  - d. K-12 ESOL Certification plus Reading Certification; or
  - e. compliance with all in-service requirements that may be required under [Rule 6A-6.0907, F.A.C.](#)
3. Developmental Language Arts taught to ELLs using ESOL strategies require:
  - a. appropriate coverage and level, plus the ESOL Endorsement; or
  - b. K-12 ESOL Certification; or
  - c. compliance with all in-service requirements that may be required under [Rule 6A-6.0907, F.A.C.](#)
4. Core subjects: Mathematics, Science, Social Studies, and Computer Literacy taught to ELLs:
  - a. In accordance with the in-service requirements under [Rule 6A-6.0907, F.A.C.](#), core subjects taught in English using ESOL strategies require the appropriate subject area coverage and level, and one of the following:
    1. 60 in-service points in ESOL strategies as documented by the school district; or
    2. 3 semester hours in ESOL strategies; or
    3. ESOL endorsement; or
    4. K-12 ESOL certification.
  - b. In accordance with the in-service requirements under [Rule 6A-6.0907, F.A.C.](#), core subjects (Mathematics, Science, Social Studies, and Computer Literacy) taught in the home language using home language strategies require the appropriate subject coverage and level, proficiency in the native language as evidenced by test or certification as documented by the school district, and one of the following:
    1. 60 in-service points in home language strategies; or
    2. 3 semester hours in home language strategies; or
    3. ESOL endorsement; or
    4. K-12 ESOL certification.
5. In accordance with the in-service requirements under [Rule 6A-6.0907, F.A.C.](#), all subjects taught to ELLs other than English, Developmental Language Arts, Reading, Mathematics, Science, Social Studies, and Computer Literacy using ESOL strategies require the appropriate subject area coverage and level, and one of the following:
  - a. 18 in-service points in ESOL strategies as documented by the school district; or
  - b. 3 semester hours in ESOL strategies; or
  - c. ESOL endorsement; or
  - d. K-12 ESOL certification.

## PREKINDERGARTEN BASIC DEFINITIONS

Basic grades use the following definitions to determine appropriate course numbers for prekindergarten programs.

**District Head Start Programs:** Any preschool program operated by the school district with Head Start funds. Staff qualifications appear in [Sections 3 and 4](#).

**District Title 1:** Any preschool program operated by the school district with Title 1 funds. Staff qualifications appear in [Sections 3 and 4](#).



**School Readiness Programs:** Any program serving children below kindergarten age, including home-visitor programs for infants and toddlers and their families that are operated with funds provided through an early-learning coalition. [These programs, when previously supported through funds made directly available to school districts, were identified as Prekindergarten Early-Intervention Programs, Florida First Start, or District-Operated Subsidized Child Care programs.]

**Prekindergarten Other:** Any other prekindergarten program operated by the local school district. Staff qualifications appear in [Sections 3 and 4](#).

**Voluntary Prekindergarten Education Program:** Beginning with the 2005-06 school year, the VPK education program for children attaining the age of four on or before September 1st, has implemented as provided by [Sections 1\(b\) and \(c\), Article IX of the State Constitution](#). School districts **are required** to provide a summer prekindergarten program as of the summer of 2006. The credential requirements for staff differ between the school-year and summer prekindergarten program. Staff qualifications appear below and in the [Sections 3 and 4](#). For detailed information visit <http://info.fldoe.org/docushare/dsweb/Get/Document-4196/07-02att1.pdf>.

## Staff Qualifications

Course Number:      5100580                      Course Name:              Voluntary Prekindergarten Education: School-Year Program

Qualification:

- Child Development Associate (CDA) or CDA Equivalent.
- Bachelor's degree or higher in any of the following areas: early childhood education, prekindergarten or primary education, preschool education, or family and consumer science.
- Bachelor's degree or higher in elementary education, if teacher has been certified to teach children any age from birth through 6th grade, regardless of whether certificate is current, as long as the certificate has not been revoked or suspended.
- Associate's degree or higher in child development.
- An Associate's or higher degree in an unrelated field, at least 6 credit hours in early childhood education or child development, and at least 480 hours of experience in teaching or providing child-care services for children any age from birth through 8 years of age.
- Educational credentials approved by the DOE as equivalent to, or greater than, the educational credentials described above.
- The VPK implementing legislation authorizes the DOE to approve educational credentials for VPK instructors that are equivalent to, or greater than, the prescribed Bachelor's or Associate's degrees noted above. Based on an analysis of the content requirements of these and proposed degrees, the Department recommends the following as approved credentials for instructors in the school-year VPK program: Bachelor's (or higher) degree, ESE, Special Education, Mental Disabilities, Specific Learning Disabilities, Physically Impaired, Varying Exceptionalities, Emotional Disabilities, Visually Impaired, Hearing Impaired, Speech-Language Pathology, Associate's degree, Early Childhood Education.
- For each of the proposed Bachelor's and Associate's degrees listed above, related competencies and skills (defined in terms of applicable Florida Certification Coverages) are delineated in Attachments A and B found in Technical Assistance Paper (TAP) #07-01 [Voluntary Prekindergarten \(VPK\) Instructor Qualification](#).
- Upon receipt of a written request and appropriate supporting documentation, the DOE will review any related Bachelor's degree area, certification coverage, or Associate's degree to determine the extent to which the proposed credential incorporates competencies and skills equivalent to, or greater than, those delineated for other approved VPK instructor credentials at the Bachelor's or Associate's degree levels. If a program serves children with disabilities as an inclusive setting, see page 8.

Course Number:     5100590

Course Name:       Voluntary Prekindergarten Education: Summer Program

Qualification:

- Certified teacher with a valid Florida educator certificate under [Section 1012.56, F.S.](#), with qualifications specified by the district school board. Priority must be given to teachers who have experience or coursework in early childhood education.
- A Bachelor's degree or higher in any of the following areas: early childhood education, prekindergarten or primary education, preschool education, or family and consumer science.
- A Bachelor's degree or higher in elementary education if the teacher has been certified to teach children any age from birth through 6th grade, regardless of whether certificate is current, as long as the certificate has not been revoked or suspended.
- If program serves children with disabilities as an inclusive setting, see page 8.

## C) Student Progression

### **LEGISLATIVE INTENT** ([Section 1008.25\(1\), F.S.](#))

It is the intent of the Legislature that each student's progression from one grade to another be determined, in part, upon proficiency in reading, writing, science, and mathematics; that district school board policies facilitate such proficiency; and that each student and his/her parent be informed of that student's academic progress.

### **COMPREHENSIVE PROGRAM FOR STUDENT PROGRESSION** ([Section 1008.25\(2\)\(a\) and \(b\), F.S.](#))

Each district is required to adopt a comprehensive program for student progression, which must include standards for evaluating each student's performance, including mastery of the NGSSS. The plan must also establish specific levels of performance in reading, writing, science, and mathematics at each grade level that include the levels of performance on statewide assessments (as established by the Commissioner) at which a student must receive remediation or be retained.

### **RETENTION PLACEMENT** ([Section 1008.25\(2\)\(b\) and \(c\), F.S.](#))

If a student is retained, it must be within an intensive program, different from the previous year's program, which takes into account the student's learning style. The plan must provide for appropriate alternative placement for a student who has been retained two or more years.

### **ALLOCATION OF REMEDIAL RESOURCES** ([Section 1008.25\(3\), F.S.](#))

Districts must allocate remedial and supplemental instruction resources first to students who are deficient in reading at the end of third grade and next to students who fail to meet performance levels required for promotion, consistent with the district's student progression plan as required in [Section 1008.25\(2\)\(b\), F.S.](#)

### **ASSESSMENT** ([Section 1008.25\(4\)\(a\), F.S.](#))

Each student must participate in statewide assessment tests as required by [Section 1008.22, F.S.](#) In addition, each elementary school must regularly assess the reading ability of each K-3 student as required by [Section 1002.20\(11\), F.S.](#)

In accordance with [Rule 6A-1.0943\(5\)1, F.A.C.](#), *Statewide Assessment for Students with Disabilities*, students with disabilities who have an IEP may be eligible for consideration of a special exemption from participation in statewide assessments, including the alternative assessment, under extraordinary circumstances. Extraordinary circumstances are events or conditions that prevent the student from physically demonstrating the mastery of skills that have been acquired and are measured by statewide assessments. A learning, emotional, behavioral, or significant cognitive disability or the receipt of services through the homebound or hospitalized program in accordance with [Rule 6A-6.03020, F.A.C.](#), does not, in and of itself, constitute extraordinary circumstance. Extraordinary circumstances are physical conditions that affect a student's ability to communicate in modes deemed acceptable for statewide assessments, creating a situation where the results of administration of a statewide assessment would reflect a student's impaired sensory, manual or speaking skills rather than the student's achievement.

A request for consideration of this special exemption must be submitted to the Commissioner in writing from the district school superintendent no later than thirty (30) school days prior to the assessment administration window. The request is sent to the Commissioner of Education and must include documentation specified in [Rule 6A-1.0943\(5\), F.A.C.](#)

### **REMEDIATION** ([Section 1008.25\(4\)\(a\), \(b\) and \(c\), F.S.](#))

Students who fail to meet performance expectations as determined by the district school board in reading, writing, science, and mathematics for each grade level, or who score below Level 3 in FCAT reading or FCAT mathematics, must be provided with an additional diagnostic assessment to determine the nature of the student's difficulty, the areas of academic need, and strategies for appropriate intervention and instruction. The school must develop and implement, in consultation with the parent, a Progress Monitoring Plan (PMP). A PMP is intended to provide the school district and the school flexibility in meeting the academic needs of the student and reduce paperwork. A student who is not meeting the school district or state requirements for proficiency in reading and math shall be covered by one of the following plans to target instruction and identify ways to improve his/her academic achievement:

- a federally required student plan;
- a school-wide system of progress monitoring for all students; or
- an individualized PMP.

The plan chosen must be designed to assist the student in meeting state and district expectations for proficiency. If the student has been identified as having a deficiency in reading, the K-12 comprehensive reading plan required by [Section 1011.62\(9\), F.S.](#), shall include instructional and support services to be provided for the student to meet the desired levels of performance. District school boards may require low-performing students to attend remediation programs held before or after regular school hours or during the summer, upon the request of the school principal, if transportation is provided.

Upon subsequent evaluation, if the documented deficiency has not been remediated, the student may be retained. Each student who does not meet the minimum performance expectations defined by the Commissioner of Education for the statewide assessment tests in reading, writing, science, and mathematics must continue to be provided with remedial or supplemental instruction until the expectations are met or the student graduates from high school or is not subject to compulsory school attendance.

### **ELEMENTARY INTENSIVE READING INSTRUCTION** ([Section 1008.25\(5\)\(a\), F.S.](#))

Any student who exhibits a substantial deficiency in reading, based upon locally determined or statewide assessments conducted in kindergarten or grade 1, grade 2, or grade 3, or through teacher observations, must be given intensive reading instruction immediately following the identification of the reading deficiency. The student's reading proficiency must be reassessed by locally-determined assessments or through teacher observations at the beginning of the grade following intensive reading instruction. The student must continue to be provided with intensive reading instruction until the reading deficiency is remedied.

### **THIRD GRADE RETENTION** ([Section 1008.25\(5\)\(b\), F.S.](#))

If a student's reading deficiency is not remedied by the end of third grade, as demonstrated by scoring at Level 2 or higher on the FCAT in reading for grade 3, the student must be retained.

## **PARENTAL NOTIFICATION** ([Section 1008.25\(5\)\(c\), F.S.](#))

The parent of any student who exhibits a substantial deficiency in reading must be notified in writing:

- that the child has a substantial reading deficiency
- of a description of current and proposed supplemental instructional services provided to the child to remediate the reading deficiency
- that, if the child's reading deficiency is not remediated by the end of third grade, the child must be retained unless he or she is exempt from mandatory retention for good cause
- of strategies for parents to use in helping their child succeed
- that the FCAT is not the sole determiner of promotion and that additional evaluations, portfolio reviews, and assessments are available to assist parents and districts in knowing when a child is reading at or above grade level and ready for grade promotion
- of the district's specific criteria and policies for mid-year promotion.

As specified in [Section 1002.20\(11\), F.S.](#), the parental notification requirements in [Section 1008.25, F.S.](#), are reinforced as a parent and student right, requiring that the parent of any K-3 student who exhibits a reading deficiency must be immediately notified of the student's deficiency with a description and explanation, in terms understandable to the parent, of the exact nature of the student's difficulty in learning and lack of achievement in reading. The parent must be consulted in the development of a Progress Monitoring Plan (PMP), as described in [Section 1008.25\(4\)\(b\), F.S.](#), and must be informed that the student will be given intensive reading instruction until the deficiency is corrected.

## **GOOD CAUSES EXEMPTIONS TO THIRD GRADE RETENTION** ([Section 1008.25\(6\)\(b\)1.-6., F.S.](#))

A student can only be exempted from third grade retention for the following good causes:

- Limited English Proficient (LEP) students with less than two years of ESOL instruction
- Students with disabilities whose IEP indicates participation in FCAT is not appropriate
- Students who demonstrate an acceptable level of performance on an alternative standardized reading assessment approved by the SBE (*DOE Note: SAT, ITBS, Terranova*)
- Students who demonstrate, through a student portfolio, that they are reading on grade level as evidenced by demonstration of mastery of the NGSSS in reading equal to at least a Level 2 performance on the FCAT
- Students with disabilities who participate in the FCAT and who have an IEP or a 504 plan that reflects that the student has received intensive remediation in reading for more than two years, but still demonstrates a deficiency in reading and was previously retained in Grades K-3
- Students who have received intensive remediation in reading for two or more years, but still demonstrate a deficiency in reading, and who were previously retained in K-3 for a total of two years. Intensive reading instruction for students so promoted must include an altered instructional day that includes specialized diagnostic information and specific reading strategies for each student.

## **PROCEDURES FOR GOOD CAUSES EXEMPTIONS TO THIRD GRADE RETENTION ([Section 1008.25\(6\)\(c\), F.S.](#))**

Requests for good cause exemptions from third grade retention must be made consistent with the following:

- Documentation is submitted by the teacher to the school principal that indicates the promotion is appropriate and based upon the student's academic record. In order to minimize paperwork, documentation need only consist of the existing PMP, IEP, and, if applicable, report card or student portfolio.
- The principal must review and discuss such recommendations with the teacher and determine if the student should be promoted. If the school principal determines that the student should be promoted, the principal must recommend it in writing to the district superintendent.
- The district superintendent must accept or reject the school principal's recommendation in writing.

## **SUCCESSFUL PROGRESSION OF RETAINED THIRD GRADE READERS ([Section 1008.25\(7\)\(a\) and \(b\), F.S.](#))**

Retained students must be provided intensive interventions in reading to ameliorate the students' specific reading deficiency, as identified by a valid and reliable diagnostic assessment. This intensive intervention must include:

- effective instructional strategies
- participation in summer reading camp
- appropriate teaching methodologies necessary to assist those students in becoming successful readers
- the determination that students are able to read at or above grade level and are ready for promotion to the next grade

Beginning with the 2004-2005 school year, each district must conduct a review of student PMPs for all students who did not score above Level 1 on the reading FCAT and did not meet the criteria for one of the good cause exemptions. The review must address additional supports and services needed to remediate the student in the identified areas of reading deficiency.

The district must also:

- Complete a student portfolio for each such student that contains evidence of mastery of benchmarks, other information to inform parents, as well as results of diagnostics and progress monitoring. Every retained third grade student must have the opportunity to have a portfolio. *(DOE Note: If a portfolio already exists for a student, it can continue to be used.)*
- Provide students who are retained with intensive instructional services and supports to remediate identified areas of reading deficiency, including a minimum of 90 minutes of daily, uninterrupted, research-based reading instruction and other strategies prescribed by the school district, which may include, but are not limited to:
  - small-group instruction
  - reduced teacher-student ratios
  - more frequent progress monitoring
  - tutoring or mentoring
  - transition classes containing third and fourth grade students
  - extended school day, week, or year
  - summer reading camps

## **PARENTAL NOTIFICATION FOR RETAINED THIRD GRADE STUDENTS ([Section 1008.25\(7\)\(b\)3., F.S.](#))**

Beginning with the 2004-2005 school year, each district must provide written notification to the parent of any mandatorily-retained student that the child has not met the proficiency level required for promotion and the reasons the child is not eligible for a good-cause exemption. The notification must comply with the new provisions of [Section 1002.20\(20\), F.S.](#), and must include a description of proposed interventions and support that will be provided to the child to remediate the identified areas of reading deficiency.

## **MID-YEAR PROMOTION FOR RETAINED THIRD GRADE STUDENTS ([Section 1008.25\(7\)\(b\)4., F.S.](#))**

Districts must implement a policy for the mid-year promotion of any retained student who can demonstrate that he or she is a successful and independent reader at or above grade level and is ready to be promoted to fourth grade. *(DOE Note: Mid-year promotion means promotion of a retained student at any time during the year of retention once the student has demonstrated ability to read at grade level. [Section 1008.25\(5\)\(c\)7., F.S.](#))* Tools that school districts may use in reevaluating any student retained may include:

- subsequent assessments
- alternative assessments
- portfolio reviews, in accordance with rules of the SBE

Students promoted during the school year after November 1 must demonstrate proficiency above that required to score at Level 2 on the grade 3 FCAT. The SBE will adopt standards that provide a reasonable expectation that the student's progress is sufficient to master appropriate fourth grade level reading skills.

## **PARENTAL NOTIFICATION OF INSTRUCTIONAL OPTIONS FOR RETAINED THIRD GRADE STUDENTS ([Section 1008.25\(7\)\(b\)5 and 6, F.S.](#))**

Students who are retained in third grade must be provided with a high-performing teacher as determined by student performance data and above-satisfactory performance appraisals. In addition to required reading enhancement and acceleration strategies, the district must provide parents of students to be retained with at least one of the following instructional options:

- supplemental tutoring in research-based reading services in addition to the regular reading block, including tutoring before and/or after school
- a "Read-at-Home" plan outlined in a parental contract, including participation in "Families Building Better Readers" workshops and regular parent-guided home reading
- a mentor or tutor with specialized reading training

*(DOE Note: The student should also demonstrate his or her readiness for performing the work of the next grade in other core subjects before receiving a mid-year promotion. The mentor/tutor option does not require that districts pay for private tutors. Volunteers or school staff may be used.)*

## **ELIMINATION OF SOCIAL PROMOTION ([Section 1008.25\(6\)\(a\), F.S.](#))**

No student may be assigned to a grade level based solely on age or other factors that constitute social promotion.



### **K-3 READ INITIATIVE ([Section 1008.25\(\(7\)\(b\)7., F.S.](#))**

Districts must establish a Reading Enhancement and Acceleration Development (READ) Initiative. The focus is to prevent the retention of third grade students and to offer intensive accelerated reading instruction to each third grade student who failed to meet standards for promotion to fourth grade and to each K-3 student who is assessed as exhibiting a reading deficiency. The READ Initiative must:

- be provided to all K-3 students at risk of retention as indicated by scientifically research-based assessments.
- be provided during regular school hours in addition to the regular reading instruction.
- provide a scientifically research-based reading curriculum that meets, at a minimum, the following specifications:
  - assists students with a reading deficiency in developing the ability to read at grade level
  - provides skill development in phonemic awareness, phonics, fluency, vocabulary, and comprehension
  - provides scientifically-based and reliable assessment
  - provides initial and ongoing analysis of each student's reading progress
  - is implemented during regular school hours
  - provides a curriculum in core academic subjects to assist the student in maintaining or meeting proficiency levels for the appropriate grade in all academic subjects

*(DOE determined that the comprehensive core reading programs on the state-adopted list satisfy this requirement.)*

### **INTENSIVE ACCELERATION CLASS FOR RETAINED THIRD GRADE STUDENTS ([Section 1008.25\(7\)\(b\)8, F.S.](#))**

Each district must establish at each school, where applicable, an Intensive Acceleration Class for retained third grade students who subsequently score at Level 1 on FCAT reading. The focus of the Intensive Acceleration Class is to increase a child's reading level at least two grade levels in one school year. *(DOE Note: This class is for a student who would be spending his third year in third grade. Applicable schools are those with retained third grade students who subsequently score at Level 1 on FCAT reading. Through this class, a retained third grader could be promoted to fourth grade mid-year and also have the opportunity to take fourth grade FCAT and be promoted into fifth grade).*

The Intensive Acceleration Class must:

- be provided to any retained third grade students who score at Level 1 on the reading portion of the FCAT and who was retained in third grade the prior year because of scoring at Level 1 on the reading portion of the FCAT
- have a reduced teacher-student ratio *(DOE Note: the teacher-student ratio is not defined, but it must be lower than other third grade classes.)*
- provide uninterrupted reading instruction for the majority of student contact time each day
- incorporate opportunities to master the grade four NGSSS in other core subject areas
- use a reading program that is scientifically research-based and has proven results in accelerating student reading achievement within the same school year
- provide intensive language and vocabulary instruction using a scientifically research-based program, including use of a speech language therapist *(DOE Note: This provision does not mandate the use of a speech language pathologist but rather allows the speech language pathologist to be involved in designing the Intensive Accelerated Class and, through multi-stream funding, perhaps work with certain students whose diagnosed reading deficiencies might best be addressed by a speech language pathologist.)*



- include weekly progress monitoring measures to ensure progress is being made. (*DOE Note: This progress monitoring can be informal classroom assessments.*)

### **INTENSIVE ACCELERATION CLASS STUDENT PROGRESS REPORTING REQUIREMENTS ([Section 1008.25\(7\)\(b\)8.g. and \(7\)\(b\)9., F.S.](#))**

The district must report to DOE, in a manner prescribed by the Department, the progress of students in Intensive Acceleration Classes at the end of the first semester. The district must also report to the SBE, as requested, on the specific intensive reading interventions and support implemented at the school district level.

### **TRANSITIONAL INSTRUCTIONAL SETTING FOR RETAINED THIRD GRADE STUDENTS ([Section 1008.25\(7\)\(b\)10., F.S.](#))**

The district must provide a student who has been retained in third grade and has received intensive instructional services, but is still not ready for grade promotion, as determined by the school district, the option of being placed in a transitional instructional setting. Such setting must specifically be designed to produce learning gains sufficient to meet fourth grade performance standards while continuing to remediate the areas of reading deficiency. (*DOE Note: The essential issue is what is being provided to help the student catch up, not where it is being provided.*)

### **ANNUAL REPORTING REQUIREMENTS ([Section 1008.25\(8\)\(a\) and \(b\), F.S.](#))**

Each district school board must annually report to the parent of each student on the progress of the student toward achieving state and district expectations for proficiency in reading, writing, science and mathematics. The district school board must report to the parent on the student's results on each statewide assessment test. The evaluation of each student's progress must be based upon the student's classroom work, observations, tests, district and state assessments, and other relevant information. Progress reporting must be provided to the parent in writing in a format adopted by the district school board.

Each school board must annually publish in the local newspaper, and report in writing to the SBE by September 1 of each year, the following information on the prior school year:

- The provisions of law relating to student progression and the school board's policies and procedures on student retention and promotion.
- By grade, the number and percentage of all students in grades 3-10 performing at Levels 1 and 2 on the reading FCAT.
- By grade, the number and percentage of all students retained in grades 3-10.
- Information on the total number of students who were promoted for good cause, by each category of good cause.
- Any revisions to the district school board's policy on student retention and promotion from the prior year.

## D) Middle Grades Promotion

### GENERAL REQUIREMENTS FOR STUDENTS ENTERING MIDDLE SCHOOL IN THE 2006-2007 SCHOOL YEAR AND THEREAFTER

Promotion from a school composed of middle grades 6, 7, and 8 requires that students must successfully complete academic courses as follows:

1. English - 3 middle school or higher courses  
These courses must emphasize literature, composition, and technical text.
2. Mathematics - 3 middle school or higher courses  
Each middle school must offer at least one high school-level mathematics course for which students may earn high school credit. Successful completion of a high school level Algebra 1 or Geometry course is not contingent on the end-of-course (EOC) assessment.
  - Beginning with the 2011-2012 school year, to earn high school credit for Algebra 1, a middle school student must pass the Algebra 1 EOC assessment.
  - Beginning with the 2012-2013 school year, to earn high school credit for Geometry, a middle school student must pass the Geometry EOC assessment.
3. Social Studies - 3 middle school or higher courses  
One semester of these courses must include the study of state and federal government and civics education. Beginning with students entering grade 6 in the 2012-2013 school year, one of these courses must be at least a one-semester civics education course that a student successfully completes in accordance with [Section 1008.22\(3\)\(c\), F.S.](#), and that includes the roles and responsibilities of federal, state, and local governments; the structures and functions of the legislative, executive, and judicial branches of government; and the meaning and significance of historic documents, such as the Articles of the Confederation, the Declaration of Independence, and the Constitution of the United States.  
  
During the 2012-2013 school year, an end-of-course assessment in civics education shall be administered as a field test at the middle school level. During the 2013-2014 school year, each student's performance on the statewide, standardized end-of-course assessment in civics education shall constitute 30 percent of the student's final course grade. Beginning with the 2014-2015 school year, a student must earn a passing score on the end-of-course assessment in civics education in order to pass the course and receive course credit.
4. Science - 3 middle school or higher courses  
Successful completion of a high school level Biology 1 course is not contingent upon the student's performance on the Biology 1 EOC assessment.
  - Beginning with the 2012-2013 school year, to earn high school credit for Biology 1, a middle school student must pass the Biology 1 EOC assessment.

Statewide, standardized end-of-course assessments in Mathematics and Science will be administered to students based on when the student completes the applicable curriculum (such as Algebra 1 or Biology 1). This means that some students may be required to take more than one statewide assessment for a given grade-level (e.g. having to take both the Grade 8 FCAT 2.0 Mathematics and an Algebra 1 EOC assessment). High school graduation requirements are based on the school year in which the student enters grade nine.

5. Career and Education Planning – to be completed in 7th or 8th grade

The course must be taught by any member of the instructional staff and must include, but is not limited to, the following components:

- Career exploration using Florida CHOICES or a comparable cost-effective program
- Educational planning using the online student advising system Florida Academic Counseling and Tracking for Students (FACTS) at the website [www.facts.org](http://www.facts.org) and must result in the completion of a personalized academic and career plan [electronic Personal Education Planner (ePEP)]. This plan must inform students of high school graduation requirements, high school assessment and college entrance test requirements, Florida Bright Futures Scholarship Program requirements, state university and Florida college admission requirements, and programs through which a high school student can earn college credit, including Advanced Placement, International Baccalaureate, Advanced International Certificate of Education, dual enrollment, career academy opportunities, and courses that lead to national industry certification.

6. Physical Education – Beginning with the 2009-2010 school year, one semester of physical education is required each year for students enrolled in grades 6-8. The following waiver options are available:

- 1) The student is enrolled or required to enroll in a remedial course
- 2) The student's parent indicates in writing to the school that:
  - a) the parent requests that the student enroll in another course from among those courses offered as options by the school district;
  - OR-
  - b) the student is participating in physical activities outside the school day which are equal to or in excess of the mandated requirement.

District school boards are required, by Florida Statute, to notify parents of the waiver options annually prior to the scheduling of classes for the following school year, beginning with 2009-2010.

**PARENTAL NOTIFICATION** ([Section 1003.4156\(1\)\(a\)5., F.S.](#))

Each school must hold a parent meeting either in the evening or on a weekend to inform parents about the course curriculum and activities. Each student must complete an electronic personal education plan (ePEP) that must be signed by the student, the student's instructor or guidance counselor, and the student's parent.

**INTENSIVE INTERVENTION** ([Section 1003.4156\(1\)\(b\) and \(c\), F.S.](#))

For each year in which a student scores at Level 1 on FCAT Reading, the student must be enrolled in and complete an intensive reading course the following year. Placement of Level 2 readers in either an intensive reading course or a content area course in which reading strategies are delivered shall be determined by diagnosis of reading needs. Reading courses are subject to approval by the Department for inclusion in the CCD

and offered pursuant to the comprehensive reading plan ([Section 1011.62\(9\), F.S.](#)). For each year in which a student scores at Level 1 on FCAT Mathematics, the student must complete an intensive mathematics course the following year, which may be integrated into the student's required mathematics course.

### **REQUIRED INSTRUCTION ([Section 1003.42, F.S.](#))**

Each district school board shall provide all courses required for middle grades promotion, high school graduation, and appropriate instruction designed to ensure that all students have the opportunity to meet SBE-adopted standards in the following subject areas: reading and other language arts, mathematics, science, social studies, foreign languages, health and physical education, and the arts.

### **AVID (ADVANCEMENT VIA INDIVIDUAL DETERMINATION) COURSES**

Advancement Via Individual Determination (AVID) is an elective class that provides support for students in the AVID program through curricular and mentoring activities. AVID courses are designed to provide students with academic instruction and other support who are taking college preparatory or advanced courses at the high school level. These courses are listed in the Grades PreK to 12 Education section ([see Section 3](#)) of the Course Code Directory.

### **MIDDLE AND HIGH SCHOOL GRADING SYSTEM ([Section 1003.437, F.S.](#))**

The grading system and interpretation of letter grades used for students in public schools in grades 6-12 shall be as follows:

- Grade "A" equals 90 percent through 100 percent, has a grade-point average value of 4, and is defined as "outstanding progress."
- Grade "B" equals 80 percent through 89 percent, has a grade-point average value of 3, and is defined as "above-average progress."
- Grade "C" equals 70 percent through 79 percent, has a grade-point average value of 2, and is defined as "average progress."
- Grade "D" equals 60 percent through 69 percent, has a grade-point average value of 1, and is defined as "lowest acceptable progress."
- Grade "F" equals 0 (zero) percent through 59 percent, has a grade-point average value of 0 (zero), and is defined as "failure."
- Grade "I" equals 0 (zero) percent, has a grade-point average value of 0 (zero), and is defined as "incomplete."

For purposes of class ranking, district school boards may exercise a weighted grading system pursuant to [Section 1007.271, F.S.](#)

## E) Graduation Requirements for Grades PreK to 12, Adult, and Special Programs

### DISTRICT POLICIES TO ASSIST STUDENTS IN MEETING GRADUATION REQUIREMENTS

Each district school board must establish policies to assist students in meeting graduation requirements, as authorized by [Section 1003.428\(4\)\(d\), F.S.](#) These policies may include, but are not limited to:

- forgiveness policies;
- summer school;
- before or after school attendance;
- special counseling;
- volunteers or peer tutors;
- school-sponsored help sessions;
- homework hotlines; and
- study skills classes.

Forgiveness policies for required courses shall be limited to replacing a grade of "D" or "F," or the equivalent of a grade of "D" or "F," with a grade of "C" or higher, or the equivalent of a grade of "C" or higher, earned subsequently in the same or comparable course. Forgiveness policies for elective courses shall be limited to replacing a grade of "D" or "F," or the equivalent of a grade of "D" or "F," with a grade of "C" or higher, or the equivalent of a grade of "C" or higher, earned subsequently in another course.

The only exception to these forgiveness policies shall be made for a student in the middle grades who takes any high school course for high school credit and earns a grade of "C," "D," or "F" or the equivalent of a grade of "C," "D," or "F." In such case, the district forgiveness policy must allow the replacement of the grade with a grade of "C" or higher, or the equivalent of a grade of "C" or higher, earned subsequently in the same or comparable course. In all cases of grade forgiveness, only the new grade shall be used in the calculation of the student's grade point average. Any course grade not replaced according to a district forgiveness policy shall be included in the calculation of the cumulative grade point average required for graduation.

For technical assistance related to forgiveness policies and end-of-course (EOC) assessments, please refer to the [Senate Bill 4 website](#).

[Rule 6A-1.0955\(3\), FAC](#), requires each school district to keep a record of courses taken and a record of achievement, such as grades, unit, or certification of competence. Student records cannot be altered at any time unless it has been determined that the information is inaccurate or in violation of the privacy or other rights of the student. All courses and grades must be included on the student's transcript. The authority for the school board to adopt a forgiveness policy does not provide the authority to alter a student's record to delete the forgiven course and grade. The forgiveness policy authorization is for the express purpose of assisting students in meeting the requirements necessary to graduate from high school, including a minimum grade point average and successful completion of academic credit or curriculum requirements. The school board does not have the authority to purge that student's record to delete the first grade. All forgiven courses and grades must be included on a student's transcript as an accurate reflection of the student's record of achievement.

## GENERAL REQUIREMENTS FOR HIGH SCHOOL GRADUATION PROGRAM-REVISED ([SECTION 1003.428, F.S.](#))

Sections [1003.43](#), [1003.428](#), [1003.429](#), and [1003.438](#), F.S., identify state minimum graduation requirements for Grades PreK to 12, adult students, and students with disabilities who are to be awarded a standard high school diploma by any public school. The state has specified a total number of credits that students shall earn in certain subject areas. District school boards are authorized and encouraged to establish requirements for the standard 24-credit high school diploma in excess of the general requirements for high school graduation established in [Section 1003.43, F.S.](#), but may not establish additional requirements that apply to students already enrolled in high school. Districts may not add requirements to either of the accelerated graduation options identified in [Section 1003.429, F.S.](#)

Beginning with the 2010-2011 school year, new graduation requirements based on Senate Bill 4 revisions will be phased in based on the school year in which a student enters grade nine for the first time. Technical assistance related to Senate Bill 4 statutory revisions and implementation may be viewed online at the [Senate Bill 4 website](#). State graduation requirements are summarized below.

<b>STUDENTS WHO ENTERED NINTH GRADE IN 2011-2012 SCHOOL YEAR</b>			
<b>Subject Area</b>	<b>Graduation Requirements of 24-Credit Program</b>	<b>Graduation Requirements of Three-Year, 18-credit College Preparatory Program<sup>1</sup></b>	<b>Graduation Requirements of Three-Year, 18-credit Career Preparatory Program</b>
English	4 credits with major concentration in composition, reading for information and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	4 credits, one of which must be Algebra 1 or an equivalent course or series of courses or a higher-level mathematics course, and one of which must be Geometry or an equivalent course.	4 credits at the Algebra 1 level or above from the list of courses that qualify for state university (SUS) admission and Geometry or a series of equivalent courses.	4 credits, one of which must be Algebra 1 and Geometry or a series of equivalent courses.
Science	3 credits in science, two of which must have a laboratory component and one of which must be Biology 1 or an equivalent course or series of courses.	3 credits in science, two of which must have a laboratory component and one credit in Biology 1 or a series of courses equivalent to Biology 1.	3 credits in science, two of which must have a laboratory component and one credit in Biology 1 or a series of courses equivalent to Biology 1.
Social Studies	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics
World (Foreign) Language	Not required for high school graduation, but required for admission into state universities (2 credits of same language)	2 credits in the same language or demonstrated proficiency in a second language	Not required
Visual and Performing Arts, Speech, Debate, or Practical Arts	1 credit in Dance, Music, Theatre, Visual Art, Speech, Debate, or Practical Arts (eligible courses specified in CCD)	Not required	Not required
Physical Education	1 credit in physical education to include the integration of health	Not required	Not required
Electives	8 credits	2 credits	3 credits in single vocational/career education program and 1 elective credit OR 3 credits in single career/technical certificate dual enrollment and 1 elective credit OR 5 credits in vocational/career education courses (including 3 credits in one sequential CTE program)

<b>TOTAL</b>	<b>24 credits</b>	<b>18 credits</b>	<b>18 credits</b>
<b>State Assessment Requirements</b>	Passing scores on the Grade 10 FCAT 2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)  Passing score on Algebra 1 end-of-course (EOC) assessment in order to earn course credit	Passing scores on the Grade 10 FCAT 2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)	Passing scores on the Grade 10 FCAT 2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)
<b>Grade Point Average (GPA) Requirements</b>	Cumulative GPA of 2.0 on a 4.0 scale	Cumulative GPA of 3.5 on a 4.0 scale in required courses and earn weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits	Cumulative weighted GPA of 3.0 on a 4.0 scale in required courses and a weighted or unweighted grade that earns at least 2.0 points or its equivalent in each of the 18 required credits

\*Pending legislative action.

## SPECIAL NOTES

- All courses earned toward the three-year, 18-credit college preparatory program must satisfy admission requirements for the State University System (SUS). To determine which courses meet SUS admission requirements, please use the [Comprehensive Course Table](#).
- At least six of the 18 credits must be completed in courses that include dual enrollment, Advanced Placement, International Baccalaureate, Advanced International Certificate of Education, or Level 3 courses containing rigorous academic curriculum and performance standards as determined by the FDOE.
- Geometry EOC assessment is required and will count as 30 percent of course grade, if enrolled.

<b>STUDENTS WHO ENTERED NINTH GRADE IN 2010-2011 SCHOOL YEAR</b>			
<b>Subject Area</b>	<b>Graduation Requirements of 24-Credit Program</b>	<b>Graduation Requirements of Three-Year, 18-credit College Preparatory Program</b>	<b>Graduation Requirements of Three-Year, 18-credit Career Preparatory Program</b>
English	4 credits with major concentration in composition, reading for information and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	4 credits, one of which must be Algebra 1 or an equivalent course or series of courses or a higher-level mathematics course, and one of which must be Geometry or an equivalent course.	4 credits at the Algebra 1 level or above from the list of courses that qualify for state university (SUS) admission and Geometry or a series of equivalent courses.	4 credits, one of which must be Algebra 1 and Geometry or a series of equivalent courses.
Science	3 credits in science, two of which must have a laboratory component.	3 credits in science, two of which must have a laboratory component.	3 credits in science, two of which must have a laboratory component.
Social Studies	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics
World (Foreign) Language	Not required for high school graduation, but required for admission into state universities (2 credits of same language)	2 credits in the same language or demonstrated proficiency in a second language	Not required



Visual and Performing Arts, Speech, Debate, or Practical Arts	1 credit in Dance, Music, Theatre, Visual Art, Speech, Debate, or Practical Arts (eligible courses specified in CCD)	Not required	Not required
Physical Education	1 credit in physical education to include the integration of health	Not required	Not required
Electives	8 credits	2 credits	3 credits in single vocational/career education program and 1 elective credit OR 3 credits in single career/technical certificate dual enrollment and 1 elective credit OR 5 credits in vocational/career education courses (including 3 credits in one sequential CTE program)
<b>TOTAL</b>	<b>24 credits</b>	<b>18 credits</b>	<b>18 credits</b>
State Assessment Requirements	Passing scores on the Grade 10 FCAT2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)	Passing scores on the Grade 10 FCAT2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)	Passing scores on the Grade 10 FCAT2.0 Reading or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)
Grade Point Average (GPA) Requirements	Cumulative GPA of 2.0 on a 4.0 scale	Cumulative GPA of 3.5 on a 4.0 scale in required courses and earn weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits	Cumulative weighted GPA of 3.0 on a 4.0 scale in required courses and a weighted or unweighted grade that earns at least 2.0 points or its equivalent in each of the 18 required credits
*Pending legislative action.			

## SPECIAL NOTES

- All courses earned toward the three-year, 18-credit college preparatory program must satisfy admission requirements for the State University System (SUS). To determine which courses meet SUS admission requirements, please use the [Comprehensive Course Table](#).
- At least six of the 18 credits must be completed in courses that include dual enrollment, Advanced Placement, International Baccalaureate, Advanced International Certificate of Education, or specifically listed as containing rigorous academic curriculum and performance standards by the FDOE.
- Algebra 1 EOC assessment is required and will count as 30 percent of course grade, if enrolled.
- Students in grades 6-8 who earned high school credit in Algebra 1 during the 2007-2008 through 2009-2010 school years and have not taken the Grade 10 FCAT Mathematics, must take the Algebra 1 EOC assessment during the 2010-2011 school year.

<b>STUDENTS WHO ENTERED NINTH GRADE IN 2007-2008 THROUGH THE 2009-2010 SCHOOL YEARS</b>			
<b>Subject Area</b>	<b>Graduation Requirements of 24-Credit Program</b>	<b>Graduation Requirements of Three-Year, 18-credit College Preparatory Program<sup>1</sup></b>	<b>Graduation Requirements of Three-Year, 18-credit Career Preparatory Program</b>
English	4 credits with major concentration in composition, reading for information and literature	4 credits with major concentration in composition and literature	4 credits with major concentration in composition and literature
Mathematics	4 credits, one of which must be Algebra 1 or its equivalent, or a higher-level mathematics course	3 credits at the Algebra 1 level or above from the list of courses that qualify for state university (SUS) admission	3 credits, one of which must be Algebra 1 or its equivalent



Science	3 credits in science, two of which must have a laboratory component	3 credits in science, two of which must have a laboratory component	3 credits in science, two of which must have a laboratory component
Social Studies	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics	1 credit world history 1 credit United States history .5 credit United States government .5 credit economics
World (Foreign) Language	Not required for high school graduation, but required for admission into state universities (2 credits of same language)	2 credits in the same language or demonstrated proficiency in a second language	Not required
Fine Arts or Performing Arts, Speech, Debate, or Practical Arts	1 credit in Fine or Performing Arts, Speech and Debate, or Practical Arts (eligible courses specified in CCD)	Not required	Not required
Physical Education	1 credit in physical education to include the integration of health <sup>4</sup>	Not required	Not required
Electives	8 credits	3 credits	3 credits in single vocational/career education program and 2 credits in electives OR 3 credits in single career/technical certificate dual enrollment and 2 credits in electives OR 5 credits in vocational/career education (including 3 credits in one sequential CTE program)
<b>TOTAL</b>	<b>24 credits</b>	<b>18 credits</b>	<b>18 credits</b>
State Assessment Requirements	Passing scores on the Grade 10 FCAT or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)	Passing scores on the Grade 10 FCAT or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)	Passing scores on the Grade 10 FCAT or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT)
Grade Point Average (GPA) Requirements	Cumulative GPA of 2.0 on a 4.0 scale	Cumulative GPA of 3.5 on a 4.0 scale in required courses and earn weighted or unweighted grade that earns at least 3.0 points or its equivalent in each of the 18 required credits	Cumulative weighted GPA of 3.0 on a 4.0 scale in required courses and a weighted or unweighted grade that earns at least 2.0 points or its equivalent in each of the 18 required credits
<b>Special Note:</b> State assessment requirements for students who entered grade nine in the 2009-2010 school year include passing scores on the Grade 10 FCAT 2.0 Reading and the Grade 10 FCAT Mathematics or scores on a standardized test that are concordant with the passing scores on the FCAT (ACT or SAT).			

## INTENSIVE INTERVENTION ([Section 1003.428\(2\)\(b\), F.S.](#))

For each year in which a student scores at Level 1 on FCAT Reading, the student must be enrolled in and complete an intensive reading course the following year. Placement of Level 2 readers in either an intensive reading course or a content area course in which reading strategies are delivered shall be determined by diagnosis of reading needs. Reading courses are subject to approval by the Department for inclusion in the CCD and offered pursuant to the comprehensive reading plan ([Section 1011.62\(9\), F.S.](#)). For each year in which a student scores at Level 1 on FCAT Mathematics, the student must complete an intensive mathematics course the following year, which may be taught through applied, integrated or combined courses.

## REQUIREMENTS FOR ADULT STUDENTS ([Section 1003.43\(6\), F.S.](#))

Graduation requirements for students in adult education programs who are earning standard diplomas are identical to the requirements for a traditional 24-credit high school diploma students in grades 9-12, with the following exceptions:

- 1) The one credit in physical education is not required for graduation and shall be substituted with elective credit to keep consistent the total number of credits needed for graduation.
- 2) School boards may waive the laboratory component of the science requirement when facilities are inaccessible or do not exist.
- 3) The one credit in performing fine arts required for high school graduation can be substituted with an elective credit that is consistent with the total credits needed for graduation.

Secondary courses for both adults and regular high school students are the same.

## WAIVER OF FCAT REQUIREMENTS FOR GRADUATION FOR STUDENTS WITH DISABILITIES

Sections [1003.43\(11\)](#) and [1003.428\(8\), F.S.](#), provide for the waiver of the FCAT requirement for graduation with a standard diploma **for certain students with disabilities who have met all other requirements for graduation with a standard diploma**, except a passing score on the FCAT. In order for the FCAT graduation requirement to be waived, the IEP team must meet to determine whether or not the FCAT can accurately measure the student's abilities, taking into consideration allowable accommodations. In accordance with the [Individuals with Disabilities Education Act \(IDEA\)](#), students with disabilities may receive services through the public school system through age 21 (i.e., until their 22nd birthday or, at the option of the school district, the end of the semester or school year in which the student turns age 22) or until they graduate with a standard diploma, whichever occurs first. In accordance with Sections [1003.428\(8\)](#) and [1003.43\(11\)](#), F.S., each school district must provide instruction to prepare students with disabilities to demonstrate proficiency in the skills and competencies necessary for successful grade-to-grade progression and high school graduation.

In order to be considered for the waiver from the FCAT graduation requirement, the student must:

- be identified as a student with a disability, as defined in [Section 1007.02\(2\), F.S.](#);
- have an IEP;
- have been provided with instruction to prepare students to demonstrate proficiency in the core content knowledge and skills necessary for grade-to-grade progression and high school graduation;
- have taken the Grade 10 FCAT with appropriate allowable accommodations at least twice (once in the 10<sup>th</sup> grade and once in the 11<sup>th</sup> grade); and,
- be progressing towards meeting the state's 24 credit/course and 2.0 cumulative grade point average (GPA) requirements and any other district requirements for graduation with a standard diploma.

Additionally, to ensure that each student has had every opportunity to pass the FCAT, participation in FCAT during March of the senior year is recommended.

[Section 1003.428\(8\)\(b\)2., F.S.](#), permits the IEP team to waive the end-of-course assessment results for the purpose of determining the student's course grade and credit, if the IEP team determines that the end-of-course assessment cannot accurately measure the student's abilities, taking into consideration all allowable accommodations.

In accordance with [Section 1003.433\(1\), F.S.](#), a student who transfers from another state in the 11<sup>th</sup> or 12<sup>th</sup> grade must pass the Grade 10 FCAT or an alternate assessment that is concordant with the FCAT; earn a 2.0 GPA; and meet all requirements of the school, district, or state from which he or she is transferring or meet Florida's course requirements in order to earn a standard diploma. A transfer student may be considered for the FCAT waiver. For additional information as it relates to military families, please refer to the [Interstate Compact on Educational Opportunity for Military Children](#).

In accordance with [Rule 6A-1.09431, F.A.C.](#), *Procedures for Special Exemption from Graduation Test Requirement for Students with Disabilities Seeking a Standard High School Diploma*, students with disabilities who have an IEP may be eligible for consideration for a special exemption from the Grade 10 FCAT under extraordinary circumstances where the results of the administration of the FCAT would reflect a student's impaired sensory, manual or speaking skills rather than a student's achievement. Extraordinary circumstances are defined as physical conditions that affect a student's ability to communicate in modes acceptable through accommodation of the FCAT. Extraordinary circumstances are events or conditions that prevent the student from physically demonstrating mastery of skills that have been acquired and/or measured by the test. Learning process deficits and cognitive deficits do not constitute extraordinary circumstances.

A request for a special exemption must be made by the school district superintendent at least one semester before the student's anticipated graduation date. The request is sent to the Commissioner of Education and must include documentation specified in [Rule 6A-1.09431\(2\), F.A.C.](#) Students granted a request for a special exemption from the Grade 10 FCAT must meet all other criteria for graduation with a standard diploma.

## **REQUIREMENTS FOR A SPECIAL DIPLOMA FOR STUDENTS WITH DISABILITIES**

[Section 1003.438, F.S.](#), authorizes the awarding of special diplomas to certain students with disabilities. Upon meeting all applicable requirements prescribed by the district school board, and all special diploma state minimum requirements, a special diploma shall be awarded in a form prescribed by the Commissioner. Any such student who meets all special requirements of the district school board for certain special programs, but is unable to meet the appropriate special state minimum requirements, must be awarded a special certificate of completion in a form prescribed by the Commissioner. Any student who graduates with a credential other than a standard high school diploma and who chooses to continue to receive a free appropriate public education (FAPE), can continue to generate weighted FTE through the FEFP until the student receives a standard high school diploma or the student reaches age 22, whichever occurs first. The decision for determining if a student with a disability will pursue a standard or special diploma is made by the IEP team. Because students who do not participate in FCAT will not be eligible for a standard high school diploma, the IEP team should ensure that the requirements found in [Rule 6A-1.0943, F.A.C.](#), *Statewide Assessment for Students with Disabilities*, are met. When modifying CTE courses, the particular outcomes and student performance standards that a student must master to earn credit must be specified on an individual basis.

Student with disabilities who have an intellectual disability; autism spectrum disorder; a language impairment; an orthopedic impairment; an other health impairment; a traumatic brain injury; an emotional or behavioral disability; a specific learning disability, including but not limited to, dyslexia, dyscalculia, or developmental aphasia; students who are deaf or hard-of-hearing or dual sensory impaired, have the option of graduating with a special diploma.

[Rule 6A-1.09961, F.A.C.](#), *Graduation Requirements for Certain Students with Disabilities*, provides two special diploma options. The first special diploma option (Option 1) includes procedures for determining and certifying mastery of student performance standards. The second special diploma option (Option 2) is based on mastery of employment and community competencies. All district school boards must offer the first special diploma option. School Boards may choose to offer the second option.

## **REQUIREMENTS FOR A STANDARD DIPLOMA FOR STUDENTS IN DROPOUT PREVENTION, TEENAGE PARENT, DEPARTMENT OF JUVENILE JUSTICE, AND ESOL PROGRAMS**

Students participating in these programs must meet state minimum graduation requirements, pursuant to Sections [1003.43](#) and [1003.438](#), F.S., and any additional local graduation requirements for a standard high school diploma. These students may also enroll in Learning Strategies: 6-8 (7863090) or Learning Strategies (7963080), for grades 9-12, consistent with the certification requirements listed in [Section 4](#).

### **DEPARTMENT OF JUVENILE JUSTICE**

Students participating in educational programs in Department of Juvenile Justice facilities who have not graduated from high school must be enrolled in courses listed in the appropriate Grades PreK to 12 academic, career and technical, or exceptional courses as provided in [Sections 3-6](#). Districts must report student membership data using the appropriate course numbers. These students are eligible for services afforded to students enrolled in programs pursuant to [Section 1003.53, F.S.](#), and all corresponding SBE Rules as prescribed in [Section 1003.52\(1\), F.S.](#) This stipulation would include, but not be limited to, "*Temporary Instructional Placement*" as cited below under Dropout Prevention Programs.

Each school district must ensure that students in these facilities are enrolled in appropriate courses and have the opportunity to earn grades leading toward credits for graduation. When these students are assigned to another facility or enrolled in another school, provisions must be made for the transfer of attendance, grades, and credits earned.

### **STUDENTS IN LOCAL JAIL PROGRAMS**

Students who have not graduated from high school who are detained in a local jail must be offered educational services by the local school district. Students must be enrolled in appropriate Grades PreK to 12, adult, exceptional, or career and technical courses as provided in [Sections 3-6](#).

### **DROPOUT PREVENTION, ACADEMIC INTERVENTION, AND TEENAGE PARENT PROGRAMS**

Students participating in district dropout prevention, academic intervention, and teenage parent programs, pursuant to Sections [1003.53](#) and [1003.54, F.S.](#), must be enrolled in courses listed in the appropriate Grades PreK to 12 academic, career and technical, or exceptional courses as provided in [Sections 3-6](#). Districts must report student membership data using the appropriate course numbers.

#### **Temporary Instructional Placement**

Special assignment designations have been developed to assist districts in reporting course data for students in short-term Department of Juvenile Justice regional, community-based residential or day programs. In some cases, the student's schedule cannot be determined upon entering the program. Such programs may not offer all of the courses in each student's regular school schedule. Students placed in this designation do not receive credit.

In the assignment designation described above, districts may report the student as enrolled in "Temporary Instructional Placement" listed in the appropriate Grades PreK to 12 Education section ([see Section 3](#)). Districts using this designation must, to the fullest extent possible, either provide instruction in the student's regularly scheduled courses or provide an individualized developmental program which focuses on identified skill deficiencies in basic subject areas. This assignment designation must only be used up to 21 days and will not appear on student records and must

only be used as a temporary means of placing students. Upon receipt of student records or other means of determining an appropriate program of study, students must be assigned to specific classes that will permit them to earn credit toward graduation or grade promotion.

**GRADES 9 TO 12 COURSE SUBSTITUTIONS** - A course that has been used to substitute in one subject area may not be used to substitute for any other subject area. Course substitutions may not count towards State University System admissions requirements.

### **Practical Arts**

The practical arts graduation requirement may be fulfilled by any secondary or eligible postsecondary course listed in [Sections 3-6](#), or by substituting one of the basic Computer Education or Journalism courses on a curriculum equivalency basis. Selected ESE CTE courses may be used to satisfy this requirement for students with exceptionalities (excluding Gifted).

Upon completion of all of the courses in a JROTC program (Army, Air Force, Navy, Marine Corps or Coast Guard), students may substitute on a curriculum equivalency basis one credit to satisfy the Practical Arts graduation requirement.

*Special Note: Practical Arts courses are no longer required for graduation. These courses will apply as electives for graduation after the 2009-2010 graduating class.*

**Life Management Skills and JROTC (Air Force, Army, Marine Corp, Navy):** When district policy permits:

For students entering 9th grade prior to school year 2007-2008, students may meet the Life Management Skills (0800300) graduation requirement by taking two JROTC Air Force, Army, Marine Corps or Navy JROTC Leadership Education credits.

- Record the non-credit course number 0800400, JROTC Life Management Skills Waiver.
- Record the course numbers for two of the following JROTC Leadership Education courses completed by the student in the specific Armed Forces category:

Air Force:	1800400, 1800410
Army:	1801300, 1801310
Marine Corps:	1803300, 1803310
Navy:	1802300, 1802310

**Physical Education High School Waiver Options** - (For students entering 9<sup>th</sup> grade in 2007-2008 school year and thereafter)

Districts Choosing the Personal Fitness/Physical Education Activity Elective	Districts Choosing Health Opportunities through Physical Education (HOPE)
Two seasons of an interscholastic sport at the junior varsity or varsity level <u>AND</u> a grade of "C" or better on the Personal Fitness competency test waives the .5 credit in Personal Fitness and the .5 credit requirement in a physical education activity elective.	Two seasons of an interscholastic sport at the junior varsity or varsity level <u>AND</u> a grade of "C" or better on the Personal Fitness competency test waives the full one-credit physical education requirement.
One semester of marching band with a grade of "C" or better waives the .5 credit requirement of a physical education activity elective. <i>(NOTE: Another option is to have this waive the performing arts requirement.)</i> The student must still take the .5 credit Personal Fitness class to complete the requirement.	
One semester of a dance class waives the .5 credit requirement of a physical education activity elective. <i>(NOTE: Another option is to have this waive the performing arts requirement.)</i> The student must still take the .5 credit Personal Fitness class to complete the requirement.	Two years in an JROTC class (Year 1 waiver #1500450, Year 2 waiver #1500460) satisfies the full one credit physical education requirement <u>AND</u> the full one-credit performing arts requirement (also #1500480).
Two years in an JROTC class (#1500450 and #1500460) waives the .5 credit physical education activity elective <u>AND</u> the full one-credit performing arts requirement (also #1500480). The student must still take the .5 credit Personal Fitness class to complete the requirement.	

Course Code # for Waiver	Description of Waiver*	Option Applied to:
1500410	INTERSCH SSN 1 – COM (completion of interscholastic sport season 1)	Personal Fitness/Physical Education Activity Elective <u>AND</u> HOPE
1500420	INTERSCH SSN 2 – COM (completion of interscholastic sport season 2)	Personal Fitness/Physical Education Activity Elective <u>AND</u> HOPE
1500430	INTERSCH SPTS WAIVER (Personal Fitness Competency Test waiver)	Personal Fitness/Physical Education Activity Elective <u>AND</u> HOPE
1500440	MCHG BAND PE WAIVER (Marching Band PE waiver)	Personal Fitness/Physical Education Activity Elective (Students must still take Personal Fitness class. This waiver is for the .5 credit requirement of a physical education activity elective).
1500445	DANCE WAIVER (Dance waiver)	Personal Fitness/Physical Education Activity Elective (Students must still take Personal Fitness class. This waiver is for the .5 credit requirement of a physical education activity elective).
1500450	JROTC PE YR 1 WAIVER (JROTC Physical Education waiver: completion of year 1)	Personal Fitness/Physical Education Activity Elective <u>AND</u> HOPE (Students under personal fitness option must still take Personal Fitness class).
1500460	JROTC PE YR 2 WAIVER (JROTC Physical Education waiver: completion of year 2)	Personal Fitness/Physical Education Elective <u>AND</u> HOPE (Students under personal fitness option must still take Personal Fitness class).
1500470	JROTC PE WAIVER– COM (completion of JROTC year 1, JROTC year 2, and Personal Fitness course)	Personal Fitness/Physical Education Activity Elective

1500480	JROTC PE/PERFORMING ARTS WAIVER	Personal Fitness/Physical Education Activity Elective <b>AND</b> HOPE (Students under personal fitness option must still take Personal Fitness course).
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\*Please Note: The capitalized portion in the “Description of Waiver” is identical to the language in [Section 3](#). The portion in parenthesis is for clarification of the requirements for the waiver. For example, course code #1500410 is for the completion of one season of interscholastic sports. It can not be entered or placed on a student’s transcripts until the student completes a season in its entirety. Students who complete waiver requirements do not earn credits required for graduation and the waiver requirements (like a students’ grade on the Personal Fitness competency test) do not factor into a student’s GPA.

### **Foreign Language and Other Academic Courses**

Pursuant to [Section 1003.429, F.S.](#), a student selecting the college-preparatory three-year graduation program must complete two credits in the same second language, unless he or she is a native speaker of a language other than English or can otherwise demonstrate proficiency. If a student meets either of these criteria, he or she may substitute two academic credits for the two required credits in the same second language. The transcripts of students who demonstrate proficiency in a language other than English should indicate course number 0791920, which represents the waiver of the foreign language credit requirement through demonstration of proficiency. Districts may document proficiency through a variety of methods, including:

- teacher-developed assessment administered to students who have completed two credits (two years)
- exit tests or assessments used in IB, AP, Pre-AICE or AICE programs
- language placement tests used by the modern languages department at the local college or state university
- use of a commercially-developed language proficiency test, such as the College Level Examination Program (CLEP), in languages other than English, the Oral Proficiency Interview designed by the American Council on Education, or the SAT II (formerly Achievement Test) designed by the College Board.

Pursuant to Section [1007.2615, F.S.](#), students may elect to take two consecutive courses in American Sign Language (ASL I and II) to meet the foreign language requirement of the college-preparatory three-year graduation program and for admission to Florida’s state universities.

### **CAREER AND TECHNICAL EDUCATION COURSE SUBSTITUTIONS**

PLEASE NOTE: Program substitutions will remain in effect for students entering the ninth grade prior to 2011-2012. Students entering the ninth grade in or after 2011-2012 will not be eligible for program substitutions.

The CTE course that is substituted for a non-elective academic course will be funded at the level appropriate for the CTE course. Specific information regarding procedures to be followed by districts in reporting CTE course substitutions for funding purposes will be included in the instructions for the FTE survey count. Course substitutions may not count towards State University System admissions requirements.

In adopting the CTE course substitution policy, school boards must follow the procedures listed below:

1. Any student in grades 9 through 12 who enrolls in and satisfactorily completes a job preparatory program may substitute credit for a portion of the required four credits in English, four credits in mathematics, and three credits in science. The credit substituted for English, mathematics, or science earned through the CTE job preparatory program shall be on a curriculum equivalency basis.
2. CTE course substitutions shall not exceed two (2) credits in each subject area. In addition, a program that has been used to substitute in one subject area may not be used to substitute for any other subject area.
3. Job preparatory courses that have been identified as being the equivalent of Business English I (1001440), Business English II (1001450), Business Mathematics (1205540), Pre-Algebra (1200300) and Anatomy and Physiology (2000350) are listed on the following chart:

<b>Job Preparatory Program Substitutions</b>			
<b>Level</b>	<b>Subject Area</b>	<b>Program Course</b>	<b>Program Number</b>
2	Business English I (1001440)	<b>Administrative Assistant program:</b> Computing for College and Careers Administrative Office Tech 1 Business Software Applications 1 <b>Business Supervisions and Management program:</b> Computing for College and Careers Business and Entrepreneurial Principals Legal Aspects of Business	8212500 8209020 8212110 8212120 8215200 8209020 8215120 8215130
2	Business English I (1001440) and/or Business English II (1001450)	<b>Administrative Assistant program:</b> Computing for College and Careers Administrative Office Tech 1 Business Software Applications 1	8212500 8209020 8212110 8212120
1	Business Mathematics (1205540)	<b>Administrative Assistant program:</b> Computing for College and Careers Administrative Office Tech 1 Business Software Applications 1 <b>Accounting Operations program:</b> Computing for College and Careers Accounting Applications 1 Accounting Applications 2 <b>International Business program:</b> Computing for College and Careers Accounting Applications 1 International Business Systems OR International Finance and Law <b>Business Computer Programming program:</b> Computing for College and Careers Business Computer Programming 1 Business Computer Programming 2	8212500 8209020 8212110 8212120 8203400 8209020 8203310 8203320 8216100 8209020 8203310 8216110 8216120 8206500 8209020 8206010 8206020
1	Pre-Algebra (1200300)	Electronics	8730000



2	Anatomy & Physiology (2000350)	Practical Nursing Veterinary Assisting	8418300 8115110
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A student who completes a job preparatory program and substitutes part of that program for Business Mathematics, Business English I, Business English II, or Anatomy and Physiology may not take any of these courses and receive additional credit.

Completion of Health Science 1 (8417100) and Health Science 2 (8417110) (both courses required) may substitute for Anatomy & Physiology (2000350) as stated in the curriculum frameworks for the following programs:

- Allied Health Assisting (8417130)
- Dental Aide (8417140)
- Dental Laboratory Assisting (8417150)
- Electrocardiograph Aide (8417160)
- First Responder (8417170)
- Health Unit Coordinator (8417180)
- Health and Wellness (8417000)
- Home Health Aide (8417190)
- Medical Laboratory Assisting (8417200)
- Nursing Assistant (8417210)
- Vision Care Assisting (8417230)

## **PRACTICAL ARTS COURSES THAT MEET THE ARTS HIGH SCHOOL GRADUATION REQUIREMENT**

[Section 1003.428\(2\)\(a\)5., F.S.](#), requires that students earn one credit in fine or performing arts, speech and debate, or a practical arts course that incorporates artistic content and techniques of creativity, interpretation, and imagination. Eligible practical arts courses are identified with a “PA” designation in [Sections 3-6](#).

## **ACCELERATION PROGRAMS**

Pursuant to Section 1003.4295, beginning with the 2011-12 school year, each high school must offer either the International Baccalaureate or Advanced International Certificate of Education Programs, or a combination of dual enrollment and Advanced Placement courses that include one course each in English, mathematics, science and social studies. School districts may meet this requirement through virtual instruction if the virtual course significantly integrates postsecondary level content for which a student may earn college credit and for which a standardized end-of-course assessment is administered.

## **POSTSECONDARY READINESS COURSES**

Section 1008.30(3), F.S., requires postsecondary readiness testing for identified high school students and remediation prior to high school graduation. These courses are aligned to the Postsecondary Readiness Competencies, and when combined will fulfill core English or mathematics subject area credit.

First Semester	Second Semester	Total Credits Earned
1200410 Mathematics for College Success (.5 high school elective credit)	MAT 1033 Intermediate Algebra (dual enrollment – 3 college elective credits)	1 high school mathematics credit + 3 college elective credits
1008350 Reading for College Success (.5 high school elective credit)	1009370 Writing for College Success (.5 high school elective credit)	1 high school English/Language Arts core credit
These courses are not sequential		

*Note: As one-semester, stand-alone courses, the College Success courses count as electives toward high school graduation. A student must successfully complete both courses to receive core English or mathematics subject area credit. As paired courses, and with GPA requirements, the courses are considered college-preparatory for the Bright Futures Scholarship Program.*

## ADVANCED INTERNATIONAL CERTIFICATE OF EDUCATION (AICE) DIPLOMA

[Section 1003.428, F.S.](#) states that beginning with students entering grade 9 in the 2007-2008 school year, graduation requires a successful combination of a minimum of 24 credits, an IB curriculum, or an AICE curriculum. Completion of the AICE curriculum requires students to complete six AICE courses, and their prerequisites, and take the examinations for each with at least one course and examination from each of the three subject areas: Mathematics & Science, Languages, and Arts & Humanities. AICE courses are offered at both the Advanced Subsidiary (AS) level and Advanced (A) level. “A” level AICE courses cover 360 hours of instruction and “AS” level AICE courses cover the first 180 hours of an “A” level AICE course. The 360-hour Cambridge Pre U Global Perspectives and Independent Research (GPR) course/examination can also count towards completion of an AICE curriculum and the award of an AICE diploma. The two courses leading to the Cambridge Pre U GPR examination are denoted as “AICE” in the Course Code Directory.

AICE is an international pre-university curriculum and examination system that emphasizes the value of broad and balanced study for academically able students. Its strengths lie in the flexibility and structure of the curriculum encouraging in-depth, working knowledge of each subject, the development of critical thinking and in essay-based examinations as assessment of that knowledge.

AICE courses are equivalent to those offered at the U.S. university freshmen level or beyond. Routes to the AICE Diploma are extremely flexible and offer students the opportunity to tailor their studies to their individual interests, abilities, and future plans within an international curriculum framework. The [Articulation Coordinating Committee Credit-by-Exam Equivalencies](#) specifies the postsecondary courses for which students may earn credit by earning a qualifying score on an AICE (at either “AS” or “A” level) examination.

The AICE Diploma program is administered and assessed by University of Cambridge International Examinations (CIE), a not-for-profit department of the world-renowned University of Cambridge in the United Kingdom. CIE offers a wide range of schools and vocational qualifications in more than 150 countries. In order to offer AICE and other CIE courses/assessments, schools must be registered with University of Cambridge International Examinations.

For additional information about the AICE program, please contact CIE's U.S. Representative, Sherry Reach, at (850) 230-4770 or email [cieusrep@comcast.net](mailto:cieusrep@comcast.net).

## **THE INTERNATIONAL BACCALAUREATE (IB) CURRICULUM FOR HIGH SCHOOL DIPLOMA**

[Section 1003.43\(1\), F.S.](#), requires successful completion of either a minimum of 24 academic credits in grades 9-12 or an IB curriculum for graduation. The components of the IB curriculum that meet this requirement are as follows: The IB Diploma program is a rigorous pre-university course of studies, leading to internationally-standardized examinations that meet the needs of highly motivated secondary students. The program is designed as a comprehensive two-year curriculum that allows its graduates to fulfill requirements of various national education systems. The IB Organization, a nonprofit educational foundation, has been in existence since 1963.

Diploma candidates are required to select one subject from each of six subject groups. At least three, and not more than four, are taken at higher level (HL), the others at standard level (SL). HL courses represent 240 teaching hours; SL courses cover 150 hours. By arranging work in this fashion, students are able to explore some subjects in depth and some more broadly over the two-year period. IB diploma candidates must also demonstrate their mastery of the coursework by passing a battery of comprehensive written, and in some cases oral, examinations in the subject areas.

The IB curriculum is defined as follows:

- Complete all prerequisite courses identified in the school's IB program.
- Complete a minimum of 13 credits in courses identified by the IB Organization, or equivalent courses as identified in the Bright Futures Comprehensive Course Tables ([https://www.osfaffelp.org/bfiehs/fnbpcm02\\_CCTMain.aspx](https://www.osfaffelp.org/bfiehs/fnbpcm02_CCTMain.aspx)), in grades 9-12 as follows:
  - Two credits\* in each of the following areas: 2 Language Arts credits at the level of grades 11 and 12, Foreign Language, Social Studies, Science, Mathematics and Arts/Electives.
  - One credit in Theory of Knowledge.
- Complete Creativity, Action and Service (CAS), which includes at least 75 hours of community service completed in grades 9-12.
- Complete an extended essay.

\* Students may satisfy the two-credit requirement for up to three SL subjects by completing the curriculum for each course and taking the IB exam in that subject area. For additional information, you may contact Karen Brown at [brownkt@bay.k12.fl.us](mailto:brownkt@bay.k12.fl.us).

## **DUAL ENROLLMENT**

[Rule 6A-1.09441, F.A.C.](#) requires that for students to generate funding through the FEFP and earn credit toward high school graduation, the student must be in membership in a course or program listed in the CCD.

However, for students who are officially dually-enrolled in an area career and technical center, Florida college, or university course as provided for in [Section 1011.62\(l\), F.S.](#), the course number and title used by the postsecondary institution to schedule the student must be recorded in the student's school district records and must be reported by the district to the DOE.

Pursuant to [Section 1007.271\(6\), F.S.](#), the SBE has identified and approved a list of dual enrollment courses that all public high schools must accept toward meeting subject area requirements for high school graduation. Districts are strongly encouraged to consult the *Dual Enrollment Course – High School Subject Area Equivalency List*, noting recent revisions and updates, which is available online at <http://www.fldoe.org/articulation/pdf/DEList.pdf>. All other dual enrollment courses in the Statewide Course Numbering System (with the exception of remedial courses and P.E. skills courses) count as an elective toward high school graduation. Districts that provide subject area credit for dual enrollment courses that are not included on the *Dual Enrollment Course – High School Subject Area Equivalency List* should delineate credit information in their local inter-institutional articulation agreement the subject area equivalencies for each course. Students should be advised of their dual enrollment options, guarantees, privileges, and responsibilities. Students should also be made aware that there is no transfer guarantee for locally-approved courses.

Beginning with students entering grade 9 in the 2006-07 school year, the revised language for [Section 1007.271\(16\), F.S.](#), requires districts to weigh dual enrollment courses the same as AP, IB, and AICE courses when grade point averages are calculated. Alternative grade calculation, weighting systems, or information regarding student education options which discriminate against dual enrollment courses are prohibited. The 2006 Legislature specified for the purpose of class ranking, district school boards may exercise a weighted grading system pursuant to [Section 1007.271, F.S.](#)

Effective in August 2005, the *Dual Enrollment Course – High School Subject Area Equivalency List*, noted that students must pass a lab component for a dual enrollment science course to be awarded a full high school credit. College science courses taken without a lab will be awarded a 0.5 high school science credit. Since the Bright Futures evaluation uses equivalencies from the *Dual Enrollment Course – High School Subject Area Equivalency List*, it is important for students seeking Bright Futures Scholarships to be advised of the requirements and equivalencies associated with taking college-level dual enrollment to fulfill graduation and scholarship requirements.

Effective August 2006, the *Dual Enrollment Course – High School Subject Area Equivalency List* identifies dual enrollment courses that all colleges and universities offer or accept in transfer as part of their general education requirements.

## **ADVANCED PLACEMENT (AP) PROGRAM®**

The College Board's AP Program® consists of college-level courses and exams in subjects ranging from U.S. History to Calculus, offered by participating high schools, including the Florida Virtual School. Students earning a "qualifying" grade on an AP examination can earn college credit or advanced placement for their efforts. More than 3,000 universities and colleges world-wide grant credit, advanced placement, or both, to students who have performed satisfactorily on the exams.

The *Articulation Coordinating Committee Credit-By-Exam Equivalencies* specifies the postsecondary courses for which students may earn credit by earning a qualifying score on an AP examination. The list can be found online at <http://www.fldoe.org/articulation/pdf/ACC-CBE.pdf>.

## **FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM**

The Bright Futures Scholarship Program is the umbrella program for Florida's three state-funded scholarships based on academic achievement of high school students (the Florida Academic Scholars award, the Florida Medallion Scholars award, and the Florida Gold Seal Vocational Scholars award). Each of the three scholarship awards within the Bright Futures Scholarship Program has specific eligibility criteria. In addition, to be eligible for an initial award from any of the three types of scholarships, a student must:

- complete a Florida Financial Aid Application (FFAA) available at [www.FloridaStudentFinancialAid.org](http://www.FloridaStudentFinancialAid.org) (choose **State Grants, Scholarships and Applications**, then **Apply Here**, then **Initial State Student Application**) during the last year in high school (after December 1 and prior to high school graduation);
- be a Florida resident and a U.S. citizen or eligible non-citizen, as determined by the postsecondary institution the student attends;
- earn a Florida standard high school diploma or its equivalent;
- be accepted by and enrolled in an eligible Florida public or private postsecondary educational institution;
- enroll in a postsecondary educational institution in Florida for at least six semester credit hours, or the equivalent, per term;
- not have been found guilty of, or pled no contest to, a felony charge; and
- begin using the award within three years of high school graduation. If you enlist directly in the military after graduation, your three-year period begins upon date of separation from active duty.

The requirements for the Bright Futures Scholarship Programs must be met prior to earning a standard Florida high school diploma from a Florida public high school or a registered FDOE private high school. Bright Futures program requirements are listed in the Florida Counseling for Future Education Handbook available online at [http://files.facts.usf.edu/pdfDocuments/manuals/Counseling\\_Handbook\\_1011.pdf](http://files.facts.usf.edu/pdfDocuments/manuals/Counseling_Handbook_1011.pdf) or the Office of Student Financial Assistance website at <http://www.floridastudentfinancialaid.org/SSFAD/bf/acadrequire.htm>.

*NOTE: The Florida Legislature is authorized to change eligibility and funding requirements.*

### College Preparatory Courses

The following courses are considered college preparatory to meet eligibility requirements of the Bright Futures Scholarship Program.

As one-semester, stand-alone courses, the College Success courses count as electives toward high school graduation. A student must successfully complete both courses to receive core English or mathematics subject area credit. As paired courses, and with GPA requirements, the courses are considered college-preparatory for the Bright Futures Scholarship Program.

First Semester	Second Semester	Total Credits Earned
1200410 Mathematics for College Success (.5 high school elective credit)	MAT 1033 Intermediate Algebra (dual enrollment – 3 college elective credits)	1 high school mathematics credit + 3 college elective credits
1008350 Reading for College Success (.5 high school elective credit)	1009370 Writing for College Success (.5 high school elective credit) These courses are not sequential	1 high school English/Language Arts core credit

A listing of all other college preparatory courses may be found in the [Counseling for Future Education Handbook](#).

## F) Course Numbering System

### GENERAL

On permanent records and transcripts, school districts must record the state course numbers and abbreviated titles as found in the [CCD](#). On report cards, school districts must use the state abbreviated titles without alteration and may use the course numbers. If the district chooses to use course numbers on report cards, the numbers must be displayed without alteration.

All school district and postsecondary documents, forms, automated terminal displays, and hard copies must use only the state course numbers and titles listed in this document, unless such reference falls under one of the following exceptions:

1. Students dually-enrolled in postsecondary institutions must use the numbers in the postsecondary Statewide Course Numbering System.
2. Students dually-enrolled in private postsecondary institutions, as provided in [Section 1011.62, F.S.](#), may use the private institution course numbers.
3. Students enrolled in courses that are included in either postsecondary adult CTE (non-college credit) or postsecondary CTE programs (college credit) must use either the numbers listed in this Directory or those listed in the Statewide Course Numbering System.

A seven-digit course number is used throughout the [CCD](#). The first and second digits of the number indicate the major academic or program area as indicated below:

00	=	Administrative, Curricular, and Service Assignments
01-25	=	Grades 6 to 12 and Adult Education
50-52	=	Prekindergarten, Early Childhood, and Elementary Education
76-79	=	Exceptional Student Education
80-97	=	Career and Technical Education
99	=	Adult Education

## GRADES PREK TO 5 NUMBERING SYSTEM

Seven-Digit Numbering System: XXXXXXX

XX(first two) XX(second two) XX(third two) X(last)

-The **first two** digits (XXXXXX) of the course numbers:

- 50 = elementary program
- 51 = self-contained
- 52 = ungraded

-The **second two** digits (XXXXXX) of the course numbers:

- When beginning with the first two digits of 50,
  - the second two indicate the major subject area as indicated by the numbers used in grades 6-12.  
(Example: 5020000 indicates an elementary [50] science [20] course)
- When beginning with the first two digits of 51 or 52,
  - the second two digits are numbered sequentially beginning with 5100000 or 5200000 with the last digit remaining a zero.

-The **third two** digits (XXXXXX) of the course numbers indicate the unique courses in all PreK-5 courses

-The **last** digit (XXXXXX) of the course numbers begin with 0 (zero) and is numbered sequentially when needed

## DISTRICT ELEMENTARY REPORTING FOR PERMANENT RECORDS AND REPORT CARDS REQUIRED

Districts must use course numbers and official abbreviated titles as listed in the [CCD](#) on permanent records and report cards.

A Few Examples:

### Permanent Records and Report Cards

0200310	=	CPTR APPLS 1	(Computer Applications 1)
1200310	=	ALG 1	(Algebra 1)
1800340	=	ADV AERO SCI	(Advanced Aerospace Science)

## GRADES PREK TO 5 SUBJECT AREAS

<u>Subject Area</u>	<u>Code Range</u>
Art-Visual Arts	5001000-5001990
Computer Education	5002000-5002990
Dance	5003000-5003990
Drama-Theatre Arts	5010190-5010190
Foreign Languages	5007000-5007990
Health	5008000-5008990
Language Arts	5010000-5010180

<u>Subject Area</u>	<u>Code Range</u>
Mathematics	5012000-5012990
Music	5013000-5013990
Physical Education	5015000-5015990
Science	5020000-5020990
Social Studies	5021000-5021990
Study Hall	5022000-5022990

## GRADES 6 TO 8 SUBJECT AREAS

<u>Subject Area</u>	<u>Code Range</u>
Art-Visual Arts	0100000-0199290
Computer Education	0200000-0299290
Dance	0300000-0399290
Drama-Theatre Arts	0400000-0499290
Exploratory Experiential Education	0500000-0599290, 0600000-0699290
Foreign Languages	0700000-0799290
Health	0800000-0899290
Language Arts	1000000-1099290
Library Media	1100000-1199290
Mathematics	1200000-1299290
Music	1300000-1399290
Peer Counseling	1400000-1499290
Physical Education	1500000-1599290
Research	1700000-1799290
Science	2000000-2099290
Social Studies	2100000-2199290
Study Hall	2200000-2299290
Career and Technical Basic	2300000-2399290
Graded Self-Contained	2400000-2499290
Temporary Instructional Placement	2500000-2500500



## MIDDLE/JUNIOR HIGH EXPLORATORY WHEEL

If school districts wish to report individual courses taught in the middle/junior high exploratory wheel, they may report these on report cards or permanent records by using the following procedure. Use the seven-digit state course numbers and abbreviated titles for exploratory courses listed in the [CCD](#). The district may report any breakdown of exploratory courses under the official title, as long as the selected titles do not exceed twenty characters.

Example: 0600000 = M/J Exp Wheel 1, Health, Art, French

## GRADES 9 to 12 AND ADULT EDUCATION NUMBERING SYSTEM

### Seven-Digit Numbering System: XXXXXXX

#### XX(first two) XX(second two) XX(third two) X(last)

-The **first two** digits (**XXXXXX**) of the course numbers indicate the major subject areas as follows:

01 = Arts-Visual Arts	14 = Peer Counseling
02 = Computer Education	15 = Physical Education
03 = Dance	16 = Remedial/Compensatory
04 = Drama-Theatre Arts	17 = Research and Critical Thinking
05 = Experiential Education	18 = J.R.O.T.C./Military Training
06 = Exploratory Education	19 = Safety and Driver Education
07 = Foreign Languages	20 = Science
08 = Health	21 = Social Studies
09 = Humanities	22 = Study Hall
10 = Language Arts	23 = Career and Technical
11 = Library Media	24 = Graded Self-Contained or Leadership Skills Development
12 = Mathematics	25 = Temp Instructional Placement
13 = Music	30 = Applied, Combined, and Integrated Course
	99 = Adult Noncredit

-The **second two** digits (**XXXXXX**) of the course numbers indicate the subject area category within the subject area

- Example:  
Academic area: Social Studies (first two digits: 21)  
Subject area category: Political Science (**second two** digits: 06)  
Number for course begins: 21**06**XXX

-The **third two** digits (XXXXXX) of the course numbers indicate a unique course within the subject area category

- The fifth digit (XXXXXX) indicates the grade level:
  - 0-2 for a 6-8 grade level course
  - 3-9 for a 9-12 grade level course

*Note: The number 8 in the fifth character indicates an IB course*
- The sixth digit (XXXXXX) shows unique courses sequentially

-The **last** digit (XXXXXX) of the course numbers begin with 0 and is numbered sequentially if needed

Example: 2106310 = American Government  
21 = Social Studies  
06 = Political Science  
31 = Unique 9-12 grade level course  
0 = In sequence

**Note:** Adult General Education courses listed in [Section 6](#) begin with the numbers 99. These courses are numbered sequentially beginning with the number 9900000.

## APPLIED, COMBINED, OR INTEGRATED COURSE NUMBERING SYSTEM

**Seven-Digit Numbering System: XXXXXXX**

**XX(first two) XX(second two) XX(third two) X(last)**

-The **first two** digits (XXXXXX) of the course numbers are 30

-The **second two** digits (XXXXXX) of the course number indicate the subject areas

26 = Health Education and Physical Education  
27 = Science and Career Technology Education

-The **third two** digits (XXXXXX) indicate the unique course

-The **last** digit (XXXXXX) of the course numbers begin with 0 (zero) and is numbered sequentially if needed

Example: 3026010 = Health Opportunities through Physical Education (HOPE)  
30 = Applied, Combined, or Integrated Course  
26 = Health Education and Physical Education  
01 = Unique course: HOPE  
0 = In sequence

## COURSE LEVELS

Course levels are designated in the following way:

- Level 1 = Fundamental or basic courses. If a student with a disability's individual educational plan (IEP) team determines and documents, in accordance with [Section 1003.43\(7\)\(d\), F.S.](#), that a rigorous course of study would be inappropriate, the student may be granted credit towards a standard high school diploma for any Level 1 course. Students with disabilities pursuing a special diploma in accordance with [Section 1003.438, F.S.](#), who successfully complete a Level 1 course, will receive credit towards a special diploma.
- Level 2 = Regular, mainstreamed courses.
- Level 3 = Honors, IB, AP, AICE, advanced college-preparatory courses, and other courses containing rigorous academic curriculum and performance standards.
- Example:
- |          |   |                                 |
|----------|---|---------------------------------|
| Remedial | = | Intensive Mathematics (1200400) |
| Level 1  | = | Pre-Algebra (1200300)           |
| Level 2  | = | Algebra I (1200310)             |
| Level 3  | = | Algebra I Honors (1200320)      |

## GRADES 9 to 12 AND ADULT EDUCATION SUBJECT AREAS

<u>Area</u>	<u>Code Range</u>	<u>Area</u>	<u>Code Range</u>
Art-Visual Arts	0100300-0199990	Peer Counseling	1400300-1499990
Computer Education	0200300-0299990	Physical Education	1500300-1599990
Dance	0300300-0399990	Research and Critical Thinking	1700300-1799990
Drama-Theatre Arts	0400300-0499990	ROTC and Military Training	1800300-1899990
Experiential Education	0500300-0599990	Safety and Driver Education	1900300-1999990
Foreign Languages	0700300-0799990	Science	2000300-2099990
Health	0800300-0899990	Social Studies	2100300-2199990
Humanities	0900300-0999990	Leadership Skills Development	2400300-2499990
Language Arts	1000300-1099990	Study Hall	2200300-2299990
Library Media	1100300-1199990	Temporary Instructional Placement	2500510-2500510
Mathematics	1200300-1299990	Applied, Combined, and Integrated Course	3000000-3999999
Music	1300300-1399990		

## SUBJECT AREA TRANSFER NUMBERS

Each course transferred into a Florida public school by an out-of-state or non-public school student should be matched with a course title and number when such course provides substantially the same content. A few transfer courses may not be close enough in content to be matched. For those courses a subject area transfer number is provided. The transfer number is listed as the last number in each major subject area. *Note: Transfer numbers do not receive any credit in the Bright Futures Program.*

Example: Michigan Indian Culture = 2100990 (Social Studies Transfer)

For grades 9-12, in the area of foreign languages, eight transfer numbers are provided. The first number in foreign language (0700980) is to be used to report the first year of a language not listed in the [CCD](#), such as Hungarian; the second foreign language number (0700990) is to be used to list a second year of the same language; the third foreign language number (0701980) to list the third year of the same language; and the fourth number (0701990), the fourth year of the same language. The additional four course numbers (0702980, 0702990, 0703980, 0703990) are provided for up to four credits in an additional foreign language.

Examples:	Hungarian I	=	0700980	(Foreign Languages Transfer I)
	Hungarian II	=	0700990	(Foreign Languages Transfer II)
	Hungarian III	=	0701980	(Foreign Languages Transfer III)
	Hungarian IV	=	0701990	(Foreign Languages Transfer IV)
	Slovak I	=	0702980	(Foreign Languages Transfer V)
	Slovak II	=	0702990	(Foreign Languages Transfer VI)
	Slovak III	=	0703980	(Foreign Languages Transfer VII)
	Slovak IV	=	0703990	(Foreign Languages Transfer VIII)

In the area of JROTC and Military Training, a transfer number is listed for granting elective credit for military training, including basic military training over the summer, as allowed in the district's approved pupil progression plan.

Example: 1800990 = Military Transfer

## COURSE DATA/FTE REPORTING

In order for a student to receive subject-area credit toward high school graduation with a standard diploma, the appropriate Grades PreK to 12 education courses listed in [Section 3](#) must be recorded in the student's records and reported as student enrollment to the DOE, regardless of the FEFP funding being generated by the students. Where a class or section of students or an individual student in a Grades PreK to 12 education course generates special program funding under current law or SBE Rule, provision must be made in the school district's information system to properly report the student FTE earned in that Grades PreK to 12 education course to the DOE. Course/section records maintained in the school district information system must contain the appropriate FEFP cost category when students generate special program FTE.

Similar provisions must be made for courses funded through ESOL, ESE, or Secondary CTE.

The DOE will collect student membership information by course number and FEFP cost category, as specified by law. Instructions for calculating FTE are found in "[FTE General Instructions](#)," or in the DOE Information Data Base Requirements: [Volume I-Automated Student Information System](#).

## EXCEPTIONAL STUDENT EDUCATION NUMBERING SYSTEM

### Seven-Digit Numbering System: XXXXXXX

#### XX(first two) XX(second two) XX(third two) X(last)

-The **first two** digits (XXXXXX) represent the grade levels

76	=	ESE grades PK Disabilities
77	=	ESE grades PK-5
78	=	ESE grades 6-8
79	=	ESE grades 9-12, 30, 31

-The **second two** digits (XXXXXX) are the major subject areas used in Grades PreK to 12 and CTE

00	=	Noncredit Courses	55	=	General Academics
01	=	Art	60	=	Life Management
02	=	Computer Education	61	=	Skills for Students with Moderate Disabilities
10	=	Language Arts	62	=	Skills for Students with Severe/Profound Disabilities
12	=	Mathematics	63	=	Special Skills Courses
13	=	Music	65	=	Gifted
15	=	Physical Education	66	=	Therapy
19	=	Driver Education	67	=	Arts
20	=	Science	79	=	CTE for Students with Disabilities
21	=	Social Studies			
50	=	Prekindergarten			

-The **third two** digits (XXXXXX) represent unique course numbers.

-The **last** digit (XXXXXX) of the course numbers begin with 0 (zero) and is numbered sequentially if needed

## PREKINDERGARTEN PROGRAMS FOR CHILDREN WITH DISABILITIES

ESE uses the following definitions to determine appropriate course numbers for prekindergarten disability programs. Course numbers and certification information are listed in [Section 4](#).

Prekindergarten Disabilities: Age 0-2      Any prekindergarten program for children with disabilities, birth through age two (2).  
Prekindergarten Disabilities: Age 3-5      Any prekindergarten program for children with disabilities, ages three (3) to five (5).

The prekindergarten courses for children with disabilities have been differentiated for ages birth-2 and 3-5. Certification areas for courses 7650030-7650170 are listed in [Section 4](#). When a district contracts for services for one or more named children, the requirements of [Rule 6A-6.0361, F.A.C.](#), *Contractual Arrangements with Non-public Schools*, apply. The appropriate course number for the prekindergarten disabilities program is used when prekindergarten children with disabilities are receiving special education services in accordance with the IEP in an inclusive setting or through the “blending” of the ESE prekindergarten program with other district-operated early childhood programs, including a district-operated Head Start, Title I, school readiness program, prekindergarten other, or VPK education program, or through a program provided through a contract with a non-public school program.

## CAREER AND TECHNICAL EDUCATION PROGRAMS AND COURSES

CTE programs are sorted under the following clusters. To find a CTE program cluster area, please go to the following website:  
[http://www.fldoe.org/workforce/dwdframe/rtf/2010-11\\_secondary\\_program\\_list.rtf](http://www.fldoe.org/workforce/dwdframe/rtf/2010-11_secondary_program_list.rtf).

Agriculture, Food & Natural Resources	Government & Public Administration	Marketing, Sales & Service
Architecture & Construction	Health Science	Science, Technology, Engineering & Mathematics (STEM)
Arts, A/V Technology & Communication	Hospitality & Tourism	Transportation, Distribution & Logistics
Business Management & Administration	Human Services	Additional CTE
Education & Training	Information Technology	
Energy	Law, Public Safety & Service	
Finance	Manufacturing	

The grade level designation in the CTE Section is authorized in compliance with [Rule 6A-6.065, F.A.C.](#)

Adult: Non-High School Graduate      =      30                      Adult: High School Graduate                      =      31

**Secondary Level** - CTE programs and courses that can be offered only at the secondary level have been assigned seven-digit numbers in the 8000000 to 9799999 range.

**Postsecondary Adult Levels** - CTE programs that can be offered at the postsecondary adult levels have been assigned seven-figure, alpha-numeric identifier. Each identifier consists of a three-letter prefix and a four-digit number. For example, the alpha-numeric designation for the Practical Nursing program is H170605 and the courses in that program are HSC0003, HCP0121, PRN0091, etc.

## G) Codes and Symbols

### GRADE-LEVEL CODES

The following codes are used to indicate the grade level(s) of the student to whom instructional services are being provided:

PK	=	Prekindergarten
KG	=	Kindergarten
1-12	=	First-Twelfth Grades
30	=	Adult Non-High School Graduate
31	=	Adult High School Graduate

### SUBJECT-AREA GRADUATION REQUIREMENT CODES

Courses meeting subject-area graduation requirements are coded adjacent to each applicable course title in [Sections 3, 5 and 6](#). The codes used to designate high school subject area graduation requirements are listed below:

A1	=	Algebra 1 or equivalent
A2	=	Algebra 2 or equivalent
AG	=	American Government
AH	=	American History
BI	=	Biology or equivalent
CH	=	Chemistry or equivalent
EC	=	Economics
EN	=	English
EQ	=	Equally Rigorous course that counts for Science credit
GE	=	Geometry or equivalent
LM	=	Life Management Skills
		<i>(Note: For students who entered high school during the 2007-2008 school-year or thereafter, Life Management Skills is no longer a graduation requirement.)</i>
MA	=	Mathematics
PA	=	Vocational Courses counting as Arts
PE	=	Physical Education
PF	=	Visual and Performing Arts
PH	=	Physics or equivalent
S3	=	Integrated Science 3 (upon conclusion of sequence)
SC	=	Science
SV	=	Half Science and Half Vocational (effective beginning with the 2007-2008 school year)
VO	=	Career and Technical Education
WH	=	World History

## COURSE CREDIT/MULTIPLE-CREDIT CODES

Grades 6-8: Courses that are allowed to be offered multiple times are designated by an MC (multiple credit) in the course title.  
 Grades 9-12: Courses receiving credit are coded in the Maximum Credit Column in [Sections 3-6](#). The codes used to designate the number of credits allowed are listed below:

0.5	=	half credit
1.0	=	one credit
2.0	=	2 years of instruction of 300 hours
3.0	=	Course may be taken for up to three credits
MC	=	Multiple Credit (more than 1 credit)

## CERTIFICATION CODES

This CCD provides the certification coverages appropriate for an individual to teach or render service in specific areas or fields. The number(s) or letter(s) to the right of the certification coverage indicate(s) the instructional level(s) for which the certification is valid. These numbers are interpreted as follows:

Early Childhood	=	0 ***
Grades 6-12	=	1
Adult Education	=	2
Elementary (1-6)	=	3 ***
Secondary (7-12)	=	4 ***
Grades K-8	=	5 ***
Elementary and Secondary (K-12)	=	6
Vocational-Technical	=	7 (requires job experience and can be taught at any level that the course is offered)
Preschool (Birth through age 4)	=	A
Primary (K-3)	=	B ***
Middle Grades (5-9)	=	C
Preschool-Secondary (PK-12)	=	D
Endorsement	=	E*
District determined level	=	F**
District issued employment certificate	=	G
Prekindergarten/Primary (Age 3 through Grade 3)	=	H
Elementary Education (K-6)	=	K

\* An endorsement is a rider on a Florida educator's certificate with a designated coverage. An endorsement shown on a certificate with a coverage signifies a pedagogical knowledge base that targets particular levels, stages of development, or circumstances.  
 \*\* The appropriate certification instructional level is to be determined by each district's screening, selection, and appointment process for principals and assistant principals.  
 \*\*\* All of these certification coverages in Section 3 must have the @ sign attached to them.



## Term Used

## Definition of Term

Any Field

Any coverage, degreed or non-degreed, listed in the CCD

Any Field when certificate reflects Bachelor's Degree or Higher

Any coverage listed in the Directory that requires the teacher to hold a bachelor's degree or higher. This definition does not include placement of personnel who are state- or district-certified if they do not hold a bachelor's or higher degree.

Any Academic Coverage

Any coverage classified as an academic coverage in [Rules 6A-4.0101 through 6A-4.0343, F.A.C.](#)

Any Vocational Field or Coverage

Any vocational coverage, degreed or non-degreed, that is listed in the CCD.

**Note:** The non-degreed coverages include those issued by the district in accordance with [Section 1012.39, F.S.](#) However, a non-degreed coverage shall be appropriate for instruction only for the course for which such coverage has been specified in the current CCD.

## **EXPLANATION OF SYMBOLS**

Listed below are the symbols and their definitions now being used in the North West Regional Data Center (NWRDC) and Web version of the CCD. The symbols in the Course Data Base (CDB) column are those used in the NWRDC CDB version, and the symbols in the CCD Column are those used in the Web version CCD.

### CDB   CCD

D	a	This symbol indicates (1) courses that may be deleted the following school year, (2) course titles or numbers that may be replaced with a new title or number the following school year, and/or (3) courses in <a href="#">Section 3</a> that have not been reported as taught within the last four years. Such courses may be deleted after the fourth year.
I	æ	This symbol indicates courses with Course Descriptions that have been revised to require instruction in and mastery of appropriate NGSSS.
N	⌘	This symbol indicates new courses or course numbers listed in the CCD.
H	•	This symbol indicates a new title of a course that will become effective after July 1 of the next school year. The existing title will be deleted at the end of the current school year.
	*	This symbol indicates a course that meets the definition of core curricula for class size.

## SPECIAL SYMBOLS LINKED TO TEACHER CERTIFICATIONS

<u>CDB</u>	<u>CCD</u>	
T	@	This symbol indicates (1) certification coverages that are no longer issued or added to certificates, and (2) certification coverages and levels that will be accepted as meeting requirements until such time as all valid certificates containing such coverages are converted to the current coverage being issued and added to certificates.
M	/	This symbol connecting a coverage and an endorsement or proficiency indicates that both are required.
Z	#	This symbol indicates coverage appropriate only for appointments prior to July 1, 1989.
W	¢	This symbol indicates coverage appropriate only for appointments prior to July 1, 1990.
P	§	This symbol indicates coverage appropriate only for appointments prior to July 1, 1992.
Y	¶	This symbol indicates coverage appropriate only for appointments prior to July 1, 1993.
S	\$	This symbol indicates coverage appropriate only for appointments prior to July 1, 1996.
J	!	This symbol indicates coverage appropriate only for appointments prior to July 1, 1998.
E	<	This symbol indicates coverage appropriate only for appointments prior to July 1, 2000.
R	%	This symbol indicates coverage is no longer appropriate beginning July 1, 2006.

## Section 2: Administrative, Curricular and Service Assignments

Section 2 of this Directory contains numbers and titles from the Department of Education, Information Data Base Requirements: Volume II – Appendix E, Job Code Assignments Coding Explanation. The specific certification coverages listed for these job code assignments are recommended, but not mandatory, unless otherwise required by law or rule of the State Board of Education.

<u>Area</u>	<u>Page</u>
Basic Education.....	2
Exceptional Student Education.....	2
Student Services .....	3
Instructional Media .....	3
Instruction/Curriculum Development Services.....	4
School Administration.....	4

SECTION 2

ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION
----- BASIC INSTRUCTION -----		
0051076	INTERM RE TCHR Intermediate Resource Teacher	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0063100	PRIMARY SPECIALIST Primary Specialist	E CHILD ED @0 PRIMARY ED @B ELEM ED K ELEM ED @3 PK PRIMARY H
----- EXCEPTIONAL STUDENT EDUCATION -----		
0052029	ART SPEC Art Specialist	ART 6 ART ED @3 @4 @6
0063105	BEHAVIOR SPEC Behavior Specialist	EMTL DIST @6 ESE 6 SCHOOL PSY D EMTL HNDCP @6
0061025	CHILD FIND SPEC Child Find Specialist	E CHILD ED @0 ANY EXCEPT ED FIELD SOC WORKER D PK PRIMARY H ELEM ED K SCHOOL PSY D PRIMARY ED @B PRESCH ED A ELEM ED @3
0061026	DIAGNOSTIC SPEC Diagnostic Specialist	ANY EXCEPT ED FIELD SCHOOL PSY D LIC AS AUDIOLOGIST
0052028	INTERPRETER Interpreter	RID FRID
0063103	LEARN RE SPEC Learning Resource Specialist	ANY EXCEPT ED FIELD MEDIA SPEC D
0052017	OCCU THER Occupational Therapist	LIC AS OCCUP THER OCCUP THER @6
0052031	OTA Occupational Therapy Assistant	LIC AS OTA OC THER AS
0052019	ORIEN/MOBLTY SPEC Orientation and Mobility Specialist	VISU IMPRD 6/ORIEN MOBL E VISU IMPRD 6
0052016	PHY THER Physical Therapist	LIC AS PHY THER
0052030	PTA Physical Therapist Assistant	LIC AS PTA PH THERTEC
0052032	SPEECH THERPY AIDE Registered Speech Therapy Aide	REG AS SPEECH THER AIDE
0052018	SPCH/LANG PATH Speech and Language Pathologist	SPCH CORR @6 LIC SP LG PATH SP LG IMPR 6
0063104	TRANSI SPEC Transition Specialist	ANY EXCEPT ED FIELD

## SECTION 2

## ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION
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## STUDENT SERVICES

0061237	COUNSELOR-CAR ED Counselor-Career Education	CAR SPEC @7 G
0061234	COUNSELOR-AD/VOC SCH Counselor, Adult/Vocational School	GUID COUN D
0061231	COUNSELOR-E Counselor, Elementary School	GUID COUN D
0061235	COUNSELOR-EXC ED SCH Counselor, Exceptional Education School	GUID COUN D
0061232	COUNSELOR-M/J Counselor, Middle/Junior High	GUID COUN D
0061236	COUNSELOR-OTHER SCH Counselor, Other Type School	GUID COUN D
0061233	COUNSELOR-SH SCH Counselor, Senior High School	GUID COUN D
0061238	OCC/PL SPEC Occupational and Placement Specialist	CAR SPEC @7 G
0061420	SCH PSY School Psychologist	SCHOOL PSY D LIC SCH PSYCH
0061131	SCH SOC WKR School Social Worker	SOC WORKER D

## INSTRUCTIONAL MEDIA

0062035	LIB/MED SPEC-DISTO Librarian/Media Specialist, District Office	MEDIA SPEC D
0062033	LIB/MED SPEC-AD/VOC School Librarian/Media Specialist, Adult/Vocational School	MEDIA SPEC D
0062030	LIB/MED SPEC-E SCH School Librarian/Media Specialist, Elementary School	MEDIA SPEC D
0062031	LIB/MED SPEC-M/J School Librarian/Media Specialist, Middle/Junior High	MEDIA SPEC D
0062034	LIB/MED SPEC-OTHER School Librarian/Media Specialist, Other Type School	MEDIA SPEC D

SECTION 2

ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION
0062032	LIB/MED SPEC-SH School Librarian/Media Specialist, Senior High	MEDIA SPEC D
----- INSTRUCTION/CURRICULUM DEVELOPMENT SERVICES -----		
0063020	DIRE EXC STU ED Director, Exceptional Student Education	ADM SUPV @3 @4 @6 SCH PRNCPL F ED LDRSHP F EX ED FIEL
0063019	DIRE VOC ED Director, Vocational Education	VOC ED DIR 7
0063101	PROG SPEC Program Specialist	SUPV @3 @4 @6 SCH PRNCPL F ADM SUPV @3 @4 @6 ED LDRSHP F
0063102	STAFFING SPEC Staffing Specialist	ANY EXCEPT ED FIELD SCHOOL PSY D
0063070	SUP/COOR, OTHER VOC Supervisor/Coordinator, Other Vocational Education Programs	SUPV @4 @6 SUP COOP E @7 COORD TIE @7 COORD VBE @7 ED LDRSHP F VOC ED DIR 7 COORD DE @7 COORD COOP @7 SCH PRNCPL F
0063071	SUP/COOR, VOC ED SNS Supervisor/Coordinator, Vocational Education for Special Needs	SUPV @4 @6 SUP COOP E @7 COORD TIE @7 COORD VBE @7 ED LDRSHP F VOC ED DIR 7 COORD DE @7 COORD COOP @7 SCH PRNCPL F
0063059	SUP/COOR, VOC EDC ED Supervisor/Coordinator, Vocational Education Programs	SUPV @4 @6 SUP COOP E @7 COORD TIE @7 COORD VBE @7 ED LDRSHP F VOC ED DIR 7 COORD DE @7 COORD COOP @7 SCH PRNCPL F
0063060	SUP/COOR, AGRI /NRE Supervisor/Coordinator, Agribusiness Natural Resources Education	SUPV @4 @6 SCH PRNCPL F VOC ED DIR 7 ED LDRSHP F
----- SCHOOL ADMINISTRATION -----		
0073013	ASTP AD SCH Assistant Principal, Adult School	ADM 2
0073008	ASTP E Assistant Principal, Elementary	ADM SUPV @3 @6 ED LDRSHP F SCH PRNCPL F ADM @3 @6
0073012	ASTP EXC STU SCH Assistant Principal, Exceptional Student School	ADM SUPV @3 @4 @6 ADM @3 @4 @6 EX ED FIEL SCH PRNCPL F ED LDRSHP F

SECTION 2

ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION
0073009	ASTP M/J Assistant Principal, Middle/Junior	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073011	ASTP OTHER E&S SCH Assistant Principal, Other Elementary and Secondary School	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073010	ASTP SH Assistant Principal, Senior High	ADM SUPV @4 @6 SCH PRNCPL F
0073014	AST DIRE VOC TECN Assistant Principal, Vocational Technical Center	VOC ED DIR 7
0073015	CURR COOR/ASTP E Curriculum Coordinator/Assistant Principal /Curriculum, Elementary	ADM SUPV @3 @6 SCH PRNCPL F
0073016	CURR COOR/ ASTP M/J Curriculum Coordinator/Assistant Principal /Curriculum, M/J	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073017	CURR COOR/ASTP SH Curriculum Coordinator/Assistant Principal /Curriculum, Senior High	ADM SUPV @4 @6 SCH PRNCPL F
0073018	CURR COOR/ASTP/OTHER Curriculum Coordinator/Assistant Principal /Curriculum, Other Type Sch	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073019	DEAN/ASTP E Dean/Assistant Principal (For Student Affairs) Elementary	ADM SUPV @3 @6 SCH PRNCPL F
0073020	DEAN/ASTP M/J Dean/Assistant Principal (For Student Affairs) Middle/Junior High	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073021	DEAN/ASTP SH Dean/Assistant Principal (For Student Affairs) Senior High	ADM SUPV @4 @6 SCH PRNCPL F
0073022	DEAN/ASTP OTHER SCH Dean/Assistant Principal (For Student Affairs) Other Type School	ADM SUPV @3 @4 @6 SCH PRNCPL F
0073007	DIRE VOC TECN CTR Director, Vocational Technical Center	GUID COUN D VOC ED DIR 7
0073208	INTERIM ASTP E SCH Interim Assistant Principal, Elementary School	ADM SUPV @3 @6 ED LDRSHP F
0073212	INTERIM ASTP EXC STU Interim Assistant Principal, Exceptional Student School	ADM SUPV @3 @4 @6 ADM @3 @4 @6
0073209	INTERIM ASTP M/J Interim Assistant Principal, Middle/Junior High School	EX ED FIEL ADM SUPV @3 @4 @6 SCH PRNCPL F

SECTION 2

ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION
0073210	INTERIM ASTP SH SCH Interim Assistant Principal, Senior High School	ADM SUPV @4 @6 SCH PRNCPL F ADM ED LDRSHP @4 @6 F
0073214	INTERIM ASTP VOC TEC Interim Assistant Principal, Vocational Technical Center	VOC ED DIR 7
0073211	INTERIM ASTP OTHER Interim Assistant Principal, Other Elementary and Secondary School	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073207	INTERIM DIRE VOC TEC Interim Director, Vocational Technical Center	VOC ED DIR 7
0073206	INTERIM PRINC AD SCH Interim Principal, Adult School	ADM 2
0073201	INTERIM PRINC E SCH Interim Principal, Elementary School	ADM SUPV @3 @6 SCH PRNCPL F ADM ED LDRSHP @3 @6 F
0073205	INTERIM PRINC EXC ED Interim Principal, Exceptional Student School	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073202	INTERIM PRINC M/J Interim Principal, Middle/Junior High School	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073204	INTERIM PRINC OTHER Interim Principal, Other Elementary and Secondary School	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073203	INTERIM PRINC SH Interim Principal, Senior High School	ADM SUPV @4 @6 SCH PRNCPL F ADM ED LDRSHP @4 @6 F
0073114	INTERN AST DIRE VOC Intern Assistant Director, Vocational Technical Center	VOC ED DIR 7
0073108	INTERN ASTP E Intern Assistant Principal, Elementary	ADM SUPV @3 @6 SCH PRNCPL F ADM ED LDRSHP @3 @6 F
0073112	INTERN ASTP EXC STU Intern Assistant Principal, Exceptional Student School	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073109	INTERN ASTP M/J Intern Assistant Principal, Middle/Junior High	ADM SUPV @3 @4 @6 SCH PRNCPL F ADM ED LDRSHP @3 @4 @6 F
0073110	INTERN ASTP SH Intern Assistant Principal, Senior High	ADM SUPV @4 @6 SCH PRNCPL F ADM ED LDRSHP @4 @6 F



SECTION 2

ADMINISTRATIVE, CURRICULAR, AND SERVICE ASSIGNMENTS

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	CERTIFICATION	
0073113	INTERN ASTP AD SCH Intern Assistant Principal, Adult School	ADM	2
0073111	INTERN ASTP OTHER Intern Assistant Principal, Other Elementary and Secondary School	ADM SUPV SCH PRNCPL	@3 @4 @6 F
0073101	INTERN PRINC E Intern Principal, Elementary	ADM SUPV SCH PRNCPL	@3 @6 F
0073104	INTERN PRINC E&S Intern Principal, Elementary and Secondary	ADM SUPV SCH PRNCPL	@3 @4 @6 F
0073105	INTERN PRINC EXC STU Intern Principal, Exceptional Student School	ADM SUPV SCH PRNCPL	@3 @4 @6 F
0073102	INTERN PRINC M/J Intern Principal, Middle/Junior High School	ADM SUPV SCH PRNCPL	@3 @4 @6 F
0073103	INTERN PRINC SH Intern Principal, Secondary	ADM SUPV SCH PRNCPL	@4 @6 F
0073006	PRINC AD SCH Principal, Adult School	ADM	2
0073001	PRINC E SCH Principal, Elementary School	SCH PRNCPL ADM SUPV	F @3 @6
0073005	PRINC EXC STU SCH Principal, Exceptional Student School	SCH PRNCPL ED LDRSHP ADM	F F @3 @4 @6
0073002	PRINC M/J Principal, Middle/Junior High	SCH PRNCPL ADM SUPV	F @3 @4 @6
0073004	PRINC OTHER E&S SCH Principal, Other Elementary and Secondary School	SCH PRNCPL ADM SUPV	F @3 @4 @6
0073003	PRINC SH Principal, Senior High	SCH PRNCPL ADM SUPV	F @4 @6
0073023	ACTIVITIES DIRE Activities Director	ANY FIELD	
0073024	ATH DIRE Athletic Director	ANY FIELD	
0073033	ATH TR Athletic Trainer	ANY FIELD/LIC ATH TR LIC ATH TR	

## Section 3: Grades Pre-K to 12 Education Courses

### Grades PreK to 5 Education Courses

Middle School Grades 6-8

Secondary Grades 9-12

Art/Visual Arts .....	2
Computer Education .....	2
Dance .....	2
Drama/Theatre Arts .....	2
World (Foreign) Language .....	2
Health .....	3
Language Arts .....	4
Mathematics .....	5
Music .....	5
Physical Education.....	6
Science .....	6
Social Studies .....	7
Study Hall .....	8
Graded Self-Contained .....	8

## SECTION 3

GRADES PK-5

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
-----   ART-VISUAL ARTS   -----			
<sup>a</sup> 5001000	ART E Art Elementary	/Y	ART 6 ART ED @3 @6
-----   COMPUTER EDUCATION   -----			
5002000	INTROD TO CPTRS Introduction to Computers	/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
-----   DANCE   -----			
<sup>a</sup> 5003000	DANCE E Dance-Elementary	/Y	ELEM ED @3 DANCE 6 PRIMARY ED @B PK PRIMARY H PHYS ED @3 ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER PHYS ED @5 ELEM ED K PHYS ED 6
-----   DRAMA-THEATRE ARTS   -----			
<sup>a</sup> 5010190	DRAMA E Drama-Elementary	/Y	ELEM ED @3 PRIMARY ED @B DRAMA 1 PK PRIMARY H ELEM ED K
-----   WORLD (FOREIGN) LANGUAGES   -----			
5007000	FRENCH E French-Elementary	/Y	FRENCH @4 6 ELEM ED @3/PROF IN FRENCH ELEM ED K/PROF IN FRENCH
5007010	GERMAN E German-Elementary	/Y	GERMAN @4 6 ELEM ED @3/PROF IN GERMAN ELEM ED K/PROF IN GERMAN

SECTION 3

GRADES PK-5

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
5007020	SPANISH E Spanish-Elementary	/Y	SPANISH @4 6 PK PRIMARY H ELEM ED @3/PROF IN SPANISH ELEM ED K/PROF IN SPANISH
5007030	SPANISH SPEAK E Spanish for Spanish Speakers- Elementary	/Y	SPANISH @4 6 PK PRIMARY H ELEM ED @3/PROF IN SPANISH ELEM ED K/PROF IN SPANISH
5007040	ITALIAN E Italian-Elementary	/Y	ITALIAN @4 6 ELEM ED @3/PROF IN ITALIAN ELEM ED K/PROF IN ITALIAN
5007050	CHINESE E Chinese-Elementary	/Y	CHINESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN CHIN
5007060	GREEK E Greek-Elementary	/Y	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
5007070	HAITIAN CREOLE E Haitian Creole-Elementary	/Y	ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN CREOLE HAITIAN CREOLE @4 6
5007080	PORTUGUESE E Portuguese-Elementary	/Y	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN PORTUG

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HEALTH

5008010	HEALTH SAF CA/N E Health, Safety, Child Abuse, and Neglect Prevention-Elementary	/Y	ELEM ED @3 HEALTH 6 HEALTH ED @4 ELEM ED K
5008020	HEALTH - K Health - K	/Y	HEALTH ED 6 PK PRIMARY H HEALTH 6 ELEM ED K ELEM Ed @3 PRIMARY ED @B E CHILD ED !0
5008030	HEALTH - GRADE 1 Health - 1	/Y	ELEM ED @3 HEALTH ED @3 6 HEALTH 6 ELEM ED K PK PRIMARY H PRIMARY ED @B
5008040	HEALTH - GRADE 2 Health - 2	/Y	ELEM ED @3 HEALTH ED @3 6 HEALTH 6 ELEM ED K PK PRIMARY H PRIMARY ED @B
5008050	HEALTH - GRADE 3 Health - 3	/Y	ELEM ED @3 HEALTH ED @3 6 HEALTH 6 ELEM ED K PK PRIMARY H PRIMARY ED @B
5008060	HEALTH - GRADE 4 Health - 4	/Y	ELEM ED @3 HEALTH ED @3 6 HEALTH 6 ELEM ED K
5008070	HEALTH - GRADE 5 Health - 5	/Y	ELEM ED @3 HEALTH ED @3 6 HEALTH 6 ELEM ED K

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
LANGUAGE ARTS			
*5010010	ESOL E English for Speakers of Other Language-Elementary	/Y	ELEM ED K/ESOL E PK PRIMARY H/ESOL E ESOL @6 PRIMARY ED B/ESOL E ELEM ED @ 3/ESOL E ENGLISH @3/ESOL E FOREIGN LANGUAGE/ESOL E
*5010020	FNC BAS SKLS READ E Functional Basic Skills in Reading-Elementary	/Y	ELEM ED @3 READING 6 PK PRIMARY H READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*5010030	FNC BAS SKLS COMMS E Functional Basic Skills in Communications-Elementary	/Y	ELEM ED @3 READING 6 PK PRIMARY H READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
* <sup>a</sup> 5010040	LANG ARTS E Language Arts-Elementary	/Y	ELEM ED @3 PRIMARY ED @B MG INTEG CURRIC C(5TH GRADE ONLY) PK PRIMARY H MG ENG C(5TH GRADE ONLY)
*5010041	LANG ARTS GRADE K Language Arts-Grade Kindergarten	/Y	ELEM ED @3 PRIMARY ED @B ELEM ED K ENGLISH @3 PK PRIMARY H E CHILD ED !0
*5010042	LANG ARTS GRADE 1 Language Arts-Grade One	/Y	ELEM ED @3 PRIMARY ED @B ELEM ED K ENGLISH @3 PK PRIMARY H
*5010043	LANG ARTS GRADE 2 Language Arts-Grade Two	/Y	ELEM ED @3 PRIMARY ED @B ELEM ED K ENGLISH @3 PK PRIMARY H
*5010044	LANG ARTS GRADE 3 Language Arts-Grade Three	/Y	ELEM ED @3 PRIMARY ED @B ELEM ED K ENGLISH @3 PK PRIMARY H
*5010045	LANG ARTS GRADE 4 Language Arts-Grade Four	/Y	ELEM ED @3 ELEM ED K ENGLISH @3
*5010046	LANG ARTS GRADE 5 Language Arts-Grade Five	/Y	ELEM ED @3 ELEM ED K MG ENG C(5TH GRADE ONLY)
*5010050	READ E Reading-Elementary	/Y	MG INTEG CURRIC C(5TH GRADE ONLY) (VALID THRU 11-12 SY ONLY) ELEM ED @3 PRIMARY ED @B ELEM ED K READING 6 PK PRIMARY H READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*5010060	INTEG LANG ARTS E Integrated Language Arts-Elementary	/Y		ELEM ED @3 PRIMARY ED @B MG ENG C(5TH GRADE ONLY) PK PRIMARY H READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH ELEM ED @3 PK PRIMARY H ELEM ED @3 PK PRIMARY H ELEM ED @3 PRIMARY ED @B MG ENG C(5TH GRADE ONLY) PK PRIMARY H ENG @3 ELEM ED K PRIMARY ED @B ELEM ED K PRIMARY ED @B ELEM ED K ENG @3 ELEM ED K
*5010070	HANDWRIT E Handwriting-Elementary	/Y		
*5010080	SPELLING E Spelling-Elementary	/Y		
*5010090	WRIT E Writing-Elementary	/Y		

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MATHEMATICS

*5012020	MATH GRADE K Mathematics - Grade Kindergarten	/Y		ELEM ED K PK PRIMARY H ELEM ED @3 ELEM ED K PK PRIMARY H ELEM ED @3 ELEM ED K PK PRIMARY H ELEM ED @3 ELEM ED K ELEM ED @3 ELEM ED K ELEM ED @3 MG MATH C(5TH GRADE ONLY)	PRIMARY ED @B E CHILD ED !0 PRIMARY ED @B MATH @3 PRIMARY ED @B MATH @3 PRIMARY ED @B MATH @3 MATH @3 MATH @3
*5012030	MATH GRADE ONE Mathematics - Grade One	/Y			
*5012040	MATH GRADE TWO Mathematics - Grade Two	/Y			
*5012050	MATH GRADE THREE Mathematics - Grade Three	/Y			
*5012060	MATH GRADE FOUR Mathematics - Grade Four	/Y			
*5012070	MATH GRADE FIVE Mathematics - Grade Five	/Y			

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MUSIC

<sup>a</sup> 5013000	MUS GENERAL E Music, General -Elementary	/Y		MUSIC ED @3 MUSIC 6	VOC MUS @6
5013010	MUS CHORAL E Music, Choral -Elementary	/Y		MUSIC ED @3 MUSIC 6	VOC MUS @6

SECTION 3

GRADES PK-5

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES		CERTIFICATION	
		COURSE LEVEL/LENGTH			
5013020	MUS INSTRU E Mus ic, Instrumental -El ementary	/Y		MUSIC ED @3 MUSIC 6	INSTR MUS @6
5013030	STRING ORCH E Stri ng Orchestra-El ementary	/Y		MUSIC ED @3 MUSIC 6	INSTR MUS @6
<sup>a</sup> 5013040	STRING TECNQS E Stri ng Techni ques-El ementary	/Y		MUSIC ED @3 MUSIC 6	INSTR MUS @6
<sup>a</sup> 5013050	SYM ORCH E Symphony Orchestra-El ementary	/Y		MUSIC ED @3 MUSIC 6	INSTR MUS @6

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PHYSICAL EDUCATION

5015000	E ADAP PE IEP/504 <sup>a</sup> El ementary Adapti ve Physi cal <sup>a</sup> Educati on IEP or 504 Plan <sup>@</sup> El em Adapti ve Physi cal Ed IEP/504 Physi cal Educati on IEP or 504 Plan	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015020	PHYSICAL EDUCATION K Physi cal Educati on - Grade K	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015030	PHYSICAL EDUCATION 1 Physi cal Educati on - Grade 1	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015040	PHYSICAL EDUCATION 2 Physi cal Educati on - Grade 2	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015050	PHYSICAL EDUCATION 3 Physi cal Educati on - Grade 3	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015060	PHYSICAL EDUCATION 4 Physi cal Educati on - Grade 4	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
5015070	PHYSICAL EDUCATION 5 Physi cal Educati on - Grade 5	/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	

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SCIENCE

*5020010	SCIENCE GRADE K Sci ence - Grade K	/Y		PRIMARY ED @B ELEM ED K	PK PRIMARY H E CHIL D ED !0
*5020020	SCIENCE GRADE ONE Sci ence - Grade One	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SCIENCE @3 PK PRIMARY H
*5020030	SCIENCE GRADE TWO Sci ence - Grade Two	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SCIENCE @3 PK PRIMARY H

SECTION 3

GRADES PK-5

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES		CERTIFICATION	
		COURSE LEVEL/LENGTH			
*5020040	SCIENCE GRADE THREE Science - Grade Three	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K ELEM ED @3 ELEM ED K PRIMARY ED @B ELEM ED @3 PRIMARY ED @B MG INTEG CURRIC C(5TH GRADE ONLY) (VALID THRU 11-12 SY ONLY) ELEM ED K MG GEN SCI C(5TH GRADE ONLY)	SCIENCE @3 PK PRIMARY H  SCIENCE @3  SCIENCE @3
*5020050	SCIENCE GRADE FOUR Science - Grade Four	/Y			
*5020060	SCIENCE GRADE FIVE Science - Grade Five	/Y			

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SOCIAL STUDIES

*5021020	SOC STUDIES K Social Studies Grade K	/Y		ELEM ED K PRIMARY ED @B ELEM ED @3	SOC ST @3 PK PRIMARY H E CHILD ED !0
*5021030	SOC STUDIES 1 Social Studies Grade 1	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SOC ST @3 PK PRIMARY H
*5021040	SOC STUDIES 2 Social Studies Grade 2	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SOC ST @3 PK PRIMARY H
*5021050	SOC STUDIES 3 Social Studies Grade 3	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SOC ST @3 PK PRIMARY H
*5021060	SOC STUDIES 4 Social Studies Grade 4	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K	SOC ST @3 PK PRIMARY H
*5021070	SOC STUDIES 5 Social Studies Grade 5	/Y		ELEM ED @3 PRIMARY ED @B ELEM ED K MG INTEG CURRIC C(5TH GRADE ONLY) (VALID THRU 11-12 SY ONLY) MG SOC SCI C(5TH GRADE ONLY)	SOC ST @3 PK PRIMARY H



COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
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STUDY HALL

5022000	STUDY HALL E Study Hall -Elementary	/Y	ANY FIELD
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GRADED SELF CONTAINED

PREKINDERGARTEN

*5100520	DIST HEAD START District Head Start	/Y	E CHILD ED !O PRIMARY ED !B FOR CDA OR CDA EQUIV, SEE SEC. 1: PREK BASIC DEF. IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE SECTION 1, PREK EXCEPTIONAL CDA OR CDA EQUIVALENT	PRESCH ED A PK PRIMARY H
*5100530	DIST TITLE 1 PK District Title 1 Prekindergarten	/Y	E CHILD ED !O PRIMARY ED !B IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE SECTION 1, PREK EXCEPTIONAL CDA OR CDA EQUIVALENT	PRESCH ED A PK PRIMARY H
*5100560	PK OTHER Prekindergarten Other	/Y	E CHILD ED !O PRIMARY ED !B FOR CDA OR CDA EQUIV, SEE SEC. 1: PREK BASIC DEF. IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE SECTION 1, PREK EXCEPTIONAL	PRESCH ED A PK PRIMARY H
*5100570	SCHOOL READINESS School Readiness	/Y	FOR QUALIFCTN OF STAFF, SEE PREK BASIC DEFINITIONS IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE PREK EXCEPTIONAL	
*5100580	VPK-SCH YEAR PROG Voluntary Prekindergarten Education - school year program	/Y	CDA OR CDA EQUIVALENT BACHELORS DEGREE OR HIGHER IN ANY OF THE FOLLOWING AREAS SEE SEC. 1, PREK BASIC DEFINITION BACHELORS DEGREE OR HIGHER IN ELEMENTARY EDUCATION SEE SEC. 1, PREK BASIC DEFINITION ASSOCIATES, OR HIGHER, DEGREE IN CHILD DEVELOPMENT ASSOCIATES OR HIGHER DEGREE IN AN UNRELATED FIELD SEE SEC. 1, PREK BASIC DEFINITION EDUCATIONAL CREDENTIALS SEE SEC. 1, PREK BASIC DEFINITION IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE SECTION 1, PREK EXCEPTIONAL	

## SECTION 3

GRADES PK-5

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES PREK TO 5 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
*5100590	VPK-SUMMER PROG Voluntary Prekindergarten Education - summer program	/Y	BACHELORS DEGREE OR HIGHER IN ANY OF THE FOLLOWING AREAS SEE SEC. 1, PREK BASIC DEFINITION BACHELORS DEGREE OR HIGHER IN ELEMENTARY EDUCATION SEE SEC. 1, PREK BASIC DEFINITION IF PROGRAM SERVES CHILDREN WITH DISABILITIES AS AN INCLUSIVE SETTING, SEE SECTION 1, PREK EXCEPTIONAL

## Section 3: Grades Pre-K to 12 Education Courses

Elementary (Grades PreK-5)

### Grades 6 to 8 Education Courses

Secondary Grades 9-12

Art/Visual Arts .....	2
Computer Education .....	4
Dance .....	5
Drama/Theatre Arts .....	5
Exploratory and Experiential Education .....	6
World (Foreign) Language .....	7
Health .....	13
Language Arts .....	13
Library Media .....	17
Mathematics .....	18
Music .....	19
Peer Counseling .....	22
Physical Education.....	22
Research and Critical Thinking .....	24
Science .....	24
Social Studies .....	27
Study Hall .....	31
Career and Technical Basic.....	32
Graded Self-Contained .....	33
Temporary Instructional Placement .....	33

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
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ART-VISUAL ARTS

ART APPRECIATION

<sup>a</sup> 010000	M/J ART/ART APPREC 1 M/J Art/Art Appreciation 1	2/Y	ART ED @3 @4 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)	ART	6
<sup>a</sup> 010005	M/J ART APPRC1&CAR P M/J Art/Art Appreciation 1 & Career Planning	2/Y	ART ED @3 @4 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)	ART	6
<sup>a</sup> 010010	M/J ART/ART APPREC 2 M/J Art/Art Appreciation 2	2/Y	ART ED @3 @4 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)	ART	6
<sup>a</sup> 010015	M/J ART APPRC2&CAR P M/J Art/Art Appreciation 2 & Career Planning	2/Y	ART ED @3 @4 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)	ART	6
<sup>a</sup> 010020	M/J ART/ART APPREC 3 M/J Art/Art Appreciation 3	2/Y	ART ED @4	ART	6
<sup>a</sup> 010025	M/J ART APPRC3&CAR P M/J Art/Art Appreciation 3 & Career Planning	2/Y	ART ED @4	ART	6
<sup>a</sup> 010030	M/J ART/ART APPREC 4 M/J Art/Art Appreciation 4	2/Y	ART ED @4	ART	6
<sup>a</sup> 010040	M/J ART/ART APPREC 5 M/J Art/Art Appreciation 5	2/Y	ART ED @4	ART	6
<sup>a</sup> 010050	M/J ART/ART APPREC 6 M/J Art/Art Appreciation 6	2/Y	ART ED @4	ART	6

ART COMPREHENSIVE

<sup>a</sup> 010100	M/J ORIEN ART/2-D M/J Orientation to Art/2-D	2/Y	ART ED @4	ART	6
010101	M/J ART/2-D1 M/J Art/2-D1	2/Y	ART ED @4	ART	6
010102	M/J ART/2-D2 M/J Art/2-D2	2/Y	ART ED @4	ART	6
<sup>a</sup> 010103	M/J ORIEN ART/3-D M/J Orientation to Art/3-D	2/Y	ART ED @4 ART 6	HANDCRAFTS @4	
010104	M/J ART/3-D1 M/J Art/3-D1	2/Y	ART ED @4 ART 6	HANDCRAFTS @4	
010105	M/J ART/3-D2 M/J Art/3-D2	2/Y	ART ED @4 ART 6	HANDCRAFTS @4	

## SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION		
		COURSE LEVEL/LENGTH				
----- PHOTOGRAPHY -----						
<sup>a</sup> 0102000	M/J INTROD PHOTO M/J Introduction to Photography	2/Y	ART	6	ART ED	@4
<sup>a</sup> 0102010	M/J BAS PHOTO M/J Basic Photography	2/Y	ART	6	ART ED	@4
<sup>a</sup> 0102020	M/J INTROD COLOR PHO M/J Introduction to Color Photography	2/Y	ART	6	ART ED	@4
0102040	M/J CREATIVE PHOTO 1 M/J Creative Photography 1	2/Y	ART	6	ART ED	@4
0102050	M/J CREATIVE PHOTO 2 M/J Creative Photography 2	2/Y	ART	6	ART ED	@4
----- GRAPHIC DESIGN -----						
0103000	M/J GRAPHIC DESIGN 1 M/J Graphic Design 1	2/Y	ART	6	ART ED	@4
0103010	M/J GRAPHIC DESIGN 2 M/J Graphic Design 2	2/Y	ART	6	ART ED	@4
----- INTEGRATED ART -----						
<sup>a</sup> 0104000	M/J EXPLOR ART M/J Exploring Art	2/Y	ART	6	ART ED	@3 @4
<sup>a</sup> 0104010	M/J EXPS ART M/J Experiencing Art	2/Y	ART	6	ART ED	@3 @4
<sup>a</sup> 0104020	M/J EMPH ART M/J Emphasizing Art	2/Y	ART	6	ART ED	@3 @4
<sup>a</sup> 0104030	M/J EXPS ART&CAR PLA M/J Experiencing Art and Career Planning	2/Y	ART	6	ART ED	@3 @4
0100220	M/J ART TRAN M/J Art Transfer	2/Y	NA			

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
-----   COMPUTER EDUCATION   -----			
APPLI CATIONS -----			
<sup>a</sup> 0200000	M/J INTROD CPTRS M/J Introduction to Computers	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200002	M/J INTROD CPTRS C/P M/J Introduction to Computers and Career Planning	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200010	M/J CPTR APPLS 1 M/J Computer Applications 1	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200020	M/J CPTR APPLS 2 M/J Computer Applications 2	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200030	M/J CPTR COGIC M/J Computer Logic and Problem Solving	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200040	M/J EM TECHS M/J Emergent Technologies	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200050	M/J VISUAL CPTR M/J Visual Computer Modeling	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200060	M/J EXPLO INTER M/J Exploring the Internet	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
PROGRAMMI NG -----			
<sup>a</sup> 0201000	M/J INTRO CPTR PROG M/J Introduction to Computer Programmi ng	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0201010	M/J INTERM CPTR PROG M/J Intermediate Computer Programmi ng	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0200220	M/J CPTR TRAN M/J Computer Education Transfer	2/Y	NA

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DANCE

0300000	M/J DANCE 1 M/J Dance 1 - Satisfies 1-S PE REQ BEG 0910	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300010	M/J DANCE 2 M/J Dance 2 - Satisfies 1-S PE REQ BEG 0910	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6

SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
0300020	M/J DANCE 3 M/J Dance 3 - Satisfies 1-S PE REQ BEG 0910	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300030	M/J DANCE 4 M/J Dance 4 - Satisfies 1-S PE REQ BEG 0910	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300040	M/J DANCE 5 M/J Dance 5 - Satisfies 1-S PE REQ BEG 0910	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300050	M/J DANCE 6 M/J Dance 6 - Satisfies 1-S PE REQ BEG 0910	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300060	M/J DANCE DIS STU M/J Dance for Disabled Students - 1 S of PE Req Beg 0910	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300070	M/J DANCE COND 1 M/J Dance Conditioning 1	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300080	M/J DANCE COND 2 M/J Dance Conditioning 2	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300220	M/J DANCE TRAN M/J Dance Transfer	2/Y		NA

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DRAMA-THEATRE ARTS

0400000	M/J DRAMA 1 M/J Drama 1	2/Y		ENG @3 ELEM ED K (SIXTH GRADE ONLY) MG ENG C MG INTEG CURRIC C ENGLISH 1 ELEM ED @ 3 (SIXTH GRADE ONLY) DRAMA 1
0400010	M/J DRAMA 2 M/J Drama 2	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C MG ENG C DRAMA 1
0400020	M/J DRAMA 3 M/J Drama 3	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C MG ENG C DRAMA 1
0400030	M/J DRAMA 4 M/J Drama 4	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C MG ENG C DRAMA 1
0400040	M/J DRAMA 5 M/J Drama 5	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C MG ENG C DRAMA 1

SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION	
		COURSE LEVEL/LENGTH			
0400050	M/J DRAMA 6 M/J Drama 6	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C	DRAMA 1 MG ENG C
<sup>a</sup> 0400100	M/J COMPRE THEA M/J Comprehensive Theater	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C	DRAMA 1 MG ENG C
0400110	M/J STAGECRAFT M/J Stagecraft	2/Y		ENG @3 ENGLISH 1 MG INTEG CURRIC C	DRAMA 1 MG ENG C
0400220	M/J DRAMA TRAN M/J Drama Transfer	2/Y		NA	

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EXPLORATORY AND EXPERIENTIAL EDUCATION

EXPERIENTIAL

<sup>a</sup> 0500000	M/J PERS CAR SCH 1 M/J Personal, Career, and School Development Skills 1	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
0500002	M/J PERS CAR SCH C/P M/J Personal, Career, School Develop- ment Skills 1 & Career Planning	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
<sup>a</sup> 0500010	M/J PERS CAR SCH 2 M/J Personal, Career, and School Development Skills 2	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
0500012	M/J PER/CAR/SCH2 C/P M/J Personal, Career, School Develop- ment Skills 2 & Career Planning	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
0500020	M/J PERS CAR SCH 3 M/J Personal, Career, and School Development Skills 3	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
0500022	M/J PER/CAR/SCH3 C/P M/J Personal, Career, School Develop- ment Skills 3 & Career Planning	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
0500100	M/J BROAD COMMS M/J Broadcast Communications	2/Y		JOURNALISM 1 MEDIA SPEC 6	ART ED @4 ART 6

EXPLORATORY

0600000	M/J EXPLOR WHEEL 1 M/J Exploratory Wheel 1	2/Y		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
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COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
0600010	M/J EXPLOR WHEEL 2 M/J Exploratory Wheel 2	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0600020	M/J EXPLOR WHEEL 3 M/J Exploratory Wheel 3	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0600030	M/J EXPLOR WHEEL 4 M/J Exploratory Wheel 4	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0600040	M/J EXPLOR WHEEL 5 M/J Exploratory Wheel 5	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0600050	M/J EXPLOR WHEEL 6 M/J Exploratory Wheel 6	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0600060	IB MYP M/J EXP WH 1 International Baccalaureate Mid Yrs Prog M/J Exploratory Wheel 1	3/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0600070	IB MYP M/J EXP WH 2 International Baccalaureate Mid Yrs Prog M/J Exploratory Wheel 2	3/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0600080	IB MYP M/J EXP WH 3 International Baccalaureate Mid Yrs Prog M/J Exploratory Wheel 3	3/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

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WORLD (FOREIGN) LANGUAGES

BEGINNING WORLD (FOREIGN) LANGUAGES  
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0700000	M/J INTROD FL 1 M/J Introduction to Foreign Languages 1	2/Y	FRENCH @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN HEBREW RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN HEBREW GERMAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ITAL SPANISH @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN GREEK LATIN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ARABIC ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CHIN ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN JAP ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CREOLE ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN PORTUG ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ITAL ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN TUR ARABIC @4 6 JAPANESE @4 6 HEBREW @4 6 HAITIAN CREOLE @4 6 ITALIAN @4 6 GREEK @4 6 CHINESE @4 6 PORTUGUESE @4 6
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SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
0700010	M/J INTROD FL 2 M/J Introduction to Foreign Languages 2	2/Y	FRENCH @4 6	HEBREW @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN HEBREW
			RUSSIAN @4 6	HAI TIAN CREOLE @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN RUS
			GERMAN @4 6	I TALI AN @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ITAL
			SPANI SH @4 6	GREEK @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN GREEK
			LATI N @4 6	
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ARABI C
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN CHI N
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN JAP
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN CREOLE
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN PORTUG
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ITAL
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN GREEK
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN TUR
0700020	M/J INTROD FL 3 M/J Introduction to Foreign Languages 3	2/Y	PORTUGUESE @4 6	ARABI C @4 6
			CHI NESE @4 6	JAPANESE @4 6
			FRENCH @4 6	HEBREW @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN HEBREW
			RUSSIAN @4 6	HAI TIAN CREOLE @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN RUS
			GERMAN @4 6	I TALI AN @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ITAL
			SPANI SH @4 6	GREEK @4 6
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN GREEK
			LATI N @4 6	
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ARABI C
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN CHI N
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN JAP
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN CREOLE
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN PORTUG
			ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN ITAL
ANY FIELD CERT REFL BACHELOR	OR HI G/PROF IN TUR			
PORTUGUESE @4 6	ARABI C @4 6			
CHI NESE @4 6	JAPANESE @4 6			

SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION					
		COURSE LEVEL/LENGTH							
0700030	IB MYP M/J INT FLNG1 IB Middle Years Program M/J Intro Foreign Language 1	3/Y	ARABIC	@4	6	CHINESE	@4	6	
			FRENCH	@4	6	GERMAN	@4	6	
			GREEK	@4	6	HEBREW	@4	6	
			ITALIAN	@4	6	JAPANESE	@4	6	
			LATIN	@4	6	PORTUGUESE	@4	6	
			RUSSIAN	@4	6	SPANISH	@4	6	
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ARABIC
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CHIN
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CREOLE
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	GREEK
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	HEBREW
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ITAL
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	JAP
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	PORTUG
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	RUS			
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	TURK			
0700040	IB MYP M/J INT FLNG2 IB Middle Years Program M/J Intro Foreign Language 2	3/Y	ARABIC	@4	6	CHINESE	@4	6	
			FRENCH	@4	6	GERMAN	@4	6	
			GREEK	@4	6	HEBREW	@4	6	
			ITALIAN	@4	6	JAPANESE	@4	6	
			LATIN	@4	6	PORTUGUESE	@4	6	
			RUSSIAN	@4	6	SPANISH	@4	6	
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ARABIC
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CHIN
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CREOLE
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	GREEK
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	HEBREW
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ITAL
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	JAP
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	PORTUG
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	RUS			
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	TURK			
0700050	IB MYP M/J INT FLNG3 IB Middle Years Program M/J Intro Foreign Language 3	3/Y	ARABIC	@4	6	CHINESE	@4	6	
			FRENCH	@4	6	GERMAN	@4	6	
			GREEK	@4	6	HEBREW	@4	6	
			ITALIAN	@4	6	JAPANESE	@4	6	
			LATIN	@4	6	PORTUGUESE	@4	6	
			RUSSIAN	@4	6	SPANISH	@4	6	
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ARABIC
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CHIN
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	CREOLE
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	GREEK
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	HEBREW
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	ITAL
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	JAP
			ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	PORTUG
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	RUS			
ANY FIELD	CERT	REFL	BACHELOR OR	HIG/PROF	IN	TURK			

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
----- FRENCH -----				
0701000	M/J FRENCH BEG M/J French, Begi nni ng	2/Y		FRENCH @4 6
0701010	M/J FRENCH INTERM M/J French, Intermedi ate	2/Y		FRENCH @4 6
0701020	M/J FRENCH ADV M/J French, Advanced	2/Y		FRENCH @4 6
----- GERMAN -----				
0702000	M/J GERMAN BEG M/J German, Begi nni ng	2/Y		GERMAN @4 6
0702010	M/J GERMAN INTERM M/J German, Intermedi ate	2/Y		GERMAN @4 6
0702020	M/J GERMAN ADV M/J German, Advanced	2/Y		GERMAN @4 6
----- HAITI AN CREOLE -----				
0703000	M/J HAITI AN CREOLE B M/J Hai ti an Creole for Hai ti an Creole Speakers, Begi nni ng	2/Y		ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN CREOLE HAITI AN CREOLE @4 6
0703010	M/J HAITI AN CREOLE I M/J Hai ti an Creole for Hai ti an Creole Speakers, Intermedi ate	2/Y		ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN CREOLE HAITI AN CREOLE @4 6
0703020	M/J HAITI AN CREOLE A M/J Hai ti an Creole for Hai ti an Creole Speakers, Advanced	2/Y		ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN CREOLE HAITI AN CREOLE @4 6
----- ITALI AN -----				
0705000	M/J ITALI AN BEG M/J Itali an, Begi nni ng	2/Y		ITALI AN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705010	M/J ITALI AN INTERM M/J Itali an, Intermedi ate	2/Y		ITALI AN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705020	M/J ITALI AN ADV M/J Itali an, Advanced	2/Y		ITALI AN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION	
		COURSE LEVEL/LENGTH			
----- LATIN -----					
0706000	M/J LATIN BEG M/J Latin, Begi nni ng	2/Y	LATIN	@4 6	
0706010	M/J LATIN INTERM M/J Latin, Intermedi ate	2/Y	LATIN	@4 6	
0706020	M/J LATIN ADV M/J Latin, Advanced	2/Y	LATIN	@4 6	
----- SPANISH -----					
0708000	M/J SPANISH BEG M/J Spani sh, Begi nni ng	2/Y	SPANISH	@4 6	
0708010	M/J SPANISH INTERM M/J Spani sh, Intermedi ate	2/Y	SPANISH	@4 6	
0708020	M/J SPANISH ADV M/J Spani sh, Advanced	2/Y	SPANISH	@4 6	
0709000	M/J SPANISH SPEAKS B M/J Spani sh for Spani sh Speakers, Begi nni ng	2/Y	SPANISH	@4 6	
0709010	M/J SPANISH SPEAKS I M/J Spani sh for Spani sh Speakers, Intermedi ate	2/Y	SPANISH	@4 6	
0709020	M/J SPANISH SPEAKS A M/J Spani sh for Spani sh Speakers, Advanced	2/Y	SPANISH	@4 6	
----- JAPANESE -----					
0711000	M/J JAPANESE BEG M/J Japanese, Begi nni ng	2/Y	JAPANESE	@4 6	
0711010	M/J JAPANESE INTERM M/J Japanese, Intermedi ate	2/Y	ANY FIELD CERT REFL JAPANESE	@4 6	BACHELOR OR HI G/PROF I N JAP
0711020	M/J JAPANESE ADV M/J Japanese, Advanced	2/Y	ANY FIELD CERT REFL JAPANESE	@4 6	BACHELOR OR HI G/PROF I N JAP
----- WORLD (FOREIGN) LANGUAGE HUMANITIES FOR INTERNATIONAL STUDIES -----					
0710000	M/J FL INTL STUDIES1 M/J Forei gn Language Humani ti es for Internati onal Studi es 1	2/Y	FRENCH GERMAN	@4 6 @4 6	SPANISH @4 6 ITALIAN @4 6

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION	
		COURSE LEVEL/LENGTH			
0710010	M/J FL INTL STUDIES2 M/J Foreign Language Humanities for International Studies 2	2/Y	FRENCH	@4 6	SPANISH @4 6
			GERMAN	@4 6	ITALIAN @4 6
0710020	M/J FL INTL STUDIES3 M/J Foreign Language Humanities for International Studies 3	2/Y	FRENCH	@4 6	SPANISH @4 6
			GERMAN	@4 6	ITALIAN @4 6
----- AMERICAN SIGN LANGUAGE -----					
0704000	M/J AMER SIGN BEG M/J American Sign Language - Beginning	2/Y	ANY ACADEMIC COVERAGE / AM SIGN LANG/E		
0704010	M/J AMER SIGN INTER M/J American Sign Language - Intermediate	2/Y	ANY ACADEMIC COVERAGE / AM SIGN LANG/E		
0704020	M/J AMER SIGN ADV M/J American Sign Language - Advanced	2/Y	ANY ACADEMIC COVERAGE / AM SIGN LANG/E		
0700220	M/J FL TRAN M/J Foreign Language Transfer	2/Y	NA		
----- CHINESE -----					
0707000	M/J CHIN BEG M/J Chinese - Beginning	2/Y	CHINESE	@4 6	
0707010	M/J CHIN INTERM M/J Chinese - Intermediate	2/Y	CHINESE	@4 6	
0707020	M/J CHIN ADV M/J Chinese - Advanced	2/Y	CHINESE	@4 6	
----- TURKISH -----					
0712000	M/J TURK BEG M/J Turkish Beginning	2/Y	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN TUR TURKISH 6		
0712010	M/J TURK INTERM M/J Turkish Intermediate	2/Y	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN TUR TURKISH 6		
0712020	M/J TURK ADV M/J Turkish Advanced	2/Y	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN TUR TURKISH 6		

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
-----   HEALTH   -----				
0800000	M/J HEALTH 1 M/J Health 1	2/Y		HEALTH ED @4 ELEM ED K (SIXTH GRADE ONLY) HEALTH 6
0800010	M/J HEALTH 2 M/J Health 2	2/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) HEALTH ED @4 ELEM ED K (SIXTH GRADE ONLY) HEALTH 6
0800015	M/J HEALTH 2 & CAR P M/J Health 2 & Career Planni ng	2/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) HEALTH ED @4 ELEM ED K (SIXTH GRADE ONLY) HEALTH 6
0800020	M/J HEALTH 3 M/J Health 3	2/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) HEALTH ED @4 ELEM ED K (SIXTH GRADE ONLY) HEALTH 6
0800025	M/J HEALTH 3 & CAR P M/J Health 3 & Career Planni ng	2/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) HEALTH ED @4 ELEM ED K (SIXTH GRADE ONLY) HEALTH 6
0800030	M/J HEALTH 4 M/J Health 4	2/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) HEALTH ED @4
0800040	M/J HEALTH 5 M/J Health 5	2/Y		HEALTH ED @4
0800050	M/J HEALTH 6 M/J Health 6	2/Y		HEALTH ED @4
0800220	M/J HEALTH TRAN M/J Health Transfer	2/Y		NA

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LANGUAGE ARTS

REMEDIAL

*1000000	M/J INTENS LANG ARTS M/J Intensive Language Arts (MC)	/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH MG ENG C ENGLISH 1 MG INTEG CURRIC C
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SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*1000010	M/J INTENS READ (MC) M/J Intensive Reading (MC)	/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1000020	M/J INT READ & CAR P M/J Intensive Reading and Career Planning	/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
----- ENGLISH -----				
*1001010	M/J LANG ARTS 1 M/J Language Arts 1	2/Y		ENG @3 MG INTEG CURRIC C ENGLISH 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E MG ENG C
*1001020	M/J LANG ARTS 1, ADV M/J Language Arts 1, Advanced	3/Y		ENG @3 MG INTEG CURRIC C ENGLISH 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG ENG C MG ENG
*1001030	M/J LANG ARTS 1-IB M/J Language Arts 1 International Baccalaureate	3/Y		ENGLISH 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG ENG C MG INTEG CURRIC C ENGLISH 1/ESOL E
*1001040	M/J LANG ARTS 2 M/J Language Arts 2	2/Y		ENG @3 MG ENG C MG INTEG CURRIC C ENGLISH 1 MG ENG C/ESOL E ENGLISH 1/ESOL E
*1001050	M/J LANG ARTS 2, ADV M/J Language Arts 2, Advanced	3/Y		MG ENG C MG INTEG CURRIC C ENGLISH 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
*1001060	M/J LANG ARTS 2-IB M/J Language Arts 2, International Baccalaureate	3/Y		MG ENG C MG INTEG CURRIC C ENGLISH 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
*1001070	M/J LANG ARTS 3 M/J Language Arts 3	2/Y		MG ENG C MG INTEG CURRIC C ENGLISH 1 MG ENG C/ESOL E ENGLISH 1/ESOL E



COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
*1001080	M/J LANG ARTS 3, ADV M/J Language Arts 3, Advanced	3/Y	MG ENG C MG INTEG CURRIC C ENGLISH 1
*1001090	M/J LANG ARTS 3-IB M/J Language Arts 3, International Baccalaureate	3/Y	MG ENG C MG INTEG CURRIC C ENGLISH 1
*1002000	M/J LANG ARTS 1 ESOL M/J Language Arts 1 Through ESOL	2/Y	ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E MG INTEG CURRIC C/ESOL E FOREIGN LANGUAGE/ESOL E ELEM ED K/ESOL E (SIXTH GRADE ONLY) ELEM ED @3/ESOL E (SIXTH GRADE ONLY)
*1002010	M/J LANG ARTS 2 ESOL M/J Language Arts 2 Through ESOL	2/Y	ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E MG INTEG CURRIC C/ESOL E FOREIGN LANGUAGE/ESOL E
*1002020	M/J LANG ARTS 3 ESOL M/J Language Arts 3 Through ESOL	2/Y	ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E MG INTEG CURRIC C/ESOL E FOREIGN LANGUAGE/ESOL E

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ENGLISH FOR SPEAKERS OF OTHER LANGUAGES  
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*1002180	M/J DE LANG ART ESOL M/J Developmental Language Arts Through ESOL (MC)	2/Y	ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E ELEM ED @3/ESOL E (SIXTH GRADE ONLY) FOREIGN LANGUAGE/ESOL E ELEM ED K/ESOL E (SIXTH GRADE ONLY) MG INTEG CURRIC C/ESOL E
*1002181	M/J DE LA ESOL-READ M/J Developmental Language Arts Through ESOL (Reading)	2/Y	ESOL 6/READING E ENGLISH 1/ESOL E/READING E READING/ESOL E MG ENG C/ESOL E/READING E ELEM ED K/ESOL E (SIXTH GRADE ONLY) ELEM ED @3/ESOL E (SIXTH GRADE ONLY) MC INTEG CURRIC C/ESOL E/READING E

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		GRADES 6 TO 8 EDUCATION COURSES			
COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION		
----- MEDIA -----					
1006000	M/J JOURN 1 M/J Journalism 1	2/Y	JOURNALISM 1 MG ENG C MG INTEG CURRIC C	ENGLISH	1
1006010	M/J JOURN 2 M/J Journalism 2	2/Y	JOURNALISM 1 MG ENG C MG INTEG CURRIC C	ENGLISH	1
----- ORAL COMMUNICATIONS -----					
1007000	M/J SPEECH-DEBATE 1 M/J Speech and Debate 1	2/Y	SPEECH 1 MG ENG C MG INTEG CURRIC C	ENGLISH	1
1007010	M/J SPEECH-DEBATE 2 M/J Speech and Debate 2	2/Y	SPEECH 1 MG ENG C MG INTEG CURRIC C	ENGLISH	1
1007020	M/J SPEECH-DEBATE 3 M/J Speech and Debate 3	2/Y	SPEECH 1 MG ENG C MG INTEG CURRIC C	ENGLISH	1
----- READING -----					
*1008010	M/J READ 1 M/J Reading 1	2/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH		
*1008020	M/J READ 1 ADV M/J Reading 1, Advanced	3/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH		
*1008040	M/J READ 2 M/J Reading 2	2/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH		
*1008050	M/J READ 2 ADV M/J Reading 2, Advanced	3/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH		
*1008070	M/J READ 3 M/J Reading 3	2/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH		

SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		

*1008080	M/J READ 3 ADV M/J Reading 3, Advanced	3/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
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W R I T I N G  
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1009000	M/J CREATIVE WRIT 1 M/J Creative Writing 1	2/Y		JOURNALISM 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
1009010	M/J CREATIVE WRIT 2 M/J Creative Writing 2	2/Y		JOURNALISM 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
1009020	M/J CREATIVE WRIT 3 M/J Creative Writing 3	2/Y		JOURNALISM 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
1009030	M/J EXPOS WRIT 1 M/J Expository Writing 1	2/Y		JOURNALISM 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
1009040	M/J EXPOS WRIT 2 M/J Expository Writing 2	2/Y		JOURNALISM 1 MG ENG C MG INTEG CURRIC C ENGLISH 1
1000220	M/J LANG ARTS TRAN M/J Language Arts Transfer	2/Y		NA

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LIBRARY MEDIA

1100000	M/J LIBR/MUL MEDIA 1 M/J Library/Multi-Media 1	2/Y		MEDIA SPEC D
1100010	M/J LIBR/MUL MEDIA 2 M/J Library/Multi-Media 2	2/Y		MEDIA SPEC D
1100220	M/J LIBR/MEDIA TRAN M/J Library/Media Transfer	2/Y		NA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
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MATHEMATICS

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REMEDIAL  
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*1204000	M/J INTENS MATH (MC) M/J Intensive Mathematics (MC)	/Y	MATH 1 ELEM ED K (SIXTH GRADE ONLY) MG MATH C MG INTEG CURRIC C ELEM ED @ 3 (SIXTH GRADE ONLY)
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GENERAL MATHEMATICS  
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*1205010	M/J MATH 1 M/J Mathematics 1	2/Y	MATH @3 ELEM ED K (SIXTH GRADE ONLY) MG MATH C MG INTEG CURRIC C MATH 1 ELEM ED @ 3 (SIXTH GRADE ONLY)
*1205020	M/J MATH 1 ADV M/J Mathematics 1, Advanced	3/Y	MATH @3 ELEM ED K (SIXTH GRADE ONLY) MG MATH C MG INTEG CURRIC C MATH 1 ELEM ED @ 3 (SIXTH GRADE ONLY)
*1205040	M/J MATH 2 M/J Mathematics 2	2/Y	MATH C MG INTEG CURRIC C MATH 1 ELEM ED @ 3 (SIXTH GRADE ONLY)
*1205050	M/J MATH 2, ADV M/J Mathematics 2, Advanced	3/Y	MATH 1 MG MATH C MG INTEG CURRIC C
*1205070	M/J MATH 3 PRE-ALG M/J Mathematics 3 Pre-Algebra	2/Y	MATH 1 MG MATH C MG INTEG CURRIC C
*1205080	M/J MATH 3, ADV PRE-ALG, ADV M/J Mathematics 3, Advanced Pre-Algebra, Advanced	3/Y	MATH 1 MG MATH C MG INTEG CURRIC C
*1205090	M/J MATH 1 IB M/J Mathematics 1 International Baccalaureate	3/Y	MATH @3 ELEM ED K (SIXTH GRADE ONLY) MG MATH C MG INTEG CURRIC C MATH 1

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*1205100	M/J PRE-ALG IB M/J Pre-Algebra International Baccal aureate	3/Y		ELEM ED @ 3 (SIXTH GRADE ONLY) MG MATH C MG INTEG CURRIC C MATH 1
1200220	M/J MATH TRAN M/J Mathematics Transfer	2/Y		NA

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MUSIC

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ADVANCED MUSIC  
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1300000	M/J MUS THEORY 1 M/J Music Theory 1	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
1300010	M/J MUS THEORY 2 M/J Music Theory 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
<sup>a</sup> 1300020	M/J TH APPL MUS 1 M/J Theoretical and Applied Music Skills 1	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
<sup>a</sup> 1300030	M/J TH APPL MUS 2 M/J Theoretical and Applied Music Skills 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
<sup>a</sup> 1300040	M/J TH APPL MUS 3 M/J Theoretical and Applied Music Skills 3	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6

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GENERAL MUSIC  
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<sup>a</sup> 1301000	M/J GEN MUS 1 M/J General Music 1	2/Y		MUSIC ED @3 INSTR MUS @4 @6 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)	VOC MUS @4 @6 MUSIC 6
<sup>a</sup> 1301010	M/J GEN MUS 2 M/J General Music 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
<sup>a</sup> 1301020	M/J GEN MUS 3 M/J General Music 3	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
1301030	M/J KEYBD 1 M/J Keyboard 1	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
1301040	M/J KEYBD 2 M/J Keyboard 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6
1301050	M/J KEYBD 3 M/J Keyboard 3	2/Y		MUSIC ED @4 INSTR MUS @4 @6	VOC MUS @6 MUSIC 6

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
1301060	M/J GUITAR 1	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
1301070	M/J GUITAR 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
1301080	M/J GUITAR 3	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
1301090	M/J MUS APPREC 1	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
1301100	M/J MUS APPREC 2	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
1301110	M/J MUS APPREC 3	2/Y		MUSIC ED @4 INSTR MUS @4 @6 VOC MUS @6 MUSIC 6
----- INSTRUMENTAL MUSIC -----				
1302000	M/J BAND 1	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302010	M/J BAND 2	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302020	M/J BAND 3	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302030	M/J BAND 4	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302040	M/J ORCH 1	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302050	M/J ORCH 2	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302060	M/J ORCH 3	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
1302070	M/J ORCH 4	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302080	M/J INSTRU TECNQS 1	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302090	M/J INSTRU TECNQS 2	/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302100	M/J INSTRU TECNQS 3	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302110	M/J INSTRU ENS 1	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302120	M/J INSTRU ENS 2	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1302130	M/J INSTRU ENS 3	2/Y		MUSIC ED @4 MUSIC 6 INSTR MUS @4 @6

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
1302140	M/J BAND 2&CAR PLAN M/J Band 2 and Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6
1302142	M/J BAND 3&CAR PLAN M/J Band 3 and Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6
1302150	M/J ORCH 2&CAR PLAN M/J Orchestra 2 and Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6
1302160	M/J ORCH 3 & CAR PL M/J Orchestra 3 & Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6

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CHORAL MUSIC

1303000	M/J CHORUS 1 M/J Chorus 1	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1303010	M/J CHORUS 2 M/J Chorus 2	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1303020	M/J CHORUS 3 M/J Chorus 3	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1303030	M/J CHORUS 4 M/J Chorus 4	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303040	M/J CHORUS H/L 1 M/J Chorus High/Low Range 1	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303050	M/J CHORUS H/L 2 M/J Chorus High/Low Range 2	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303060	M/J CHORUS H/L 3 M/J Chorus High/Low Range 3	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303070	M/J VOCAL TECNQS 1 M/J Vocal Techniques 1	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303080	M/J VOCAL TECNQS 2 M/J Vocal Techniques 2	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303090	M/J VOCAL TECNQS 3 M/J Vocal Techniques 3	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303100	M/J VOCAL ENS 1 M/J Vocal Ensemble 1	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303110	M/J VOCAL ENS 2 M/J Vocal Ensemble 2	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
<sup>a</sup> 1303120	M/J VOCAL ENS 3 M/J Vocal Ensemble 3	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1303130	M/J CHORUS 2&CAR PLA M/J Chorus 2 and Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1303140	M/J CHORUS 3&CAR PL M/J Chorus 3 & Career Planning	2/Y		MUSIC ED @4 @6 MUSIC 6 INSTR MUS @4 @6 VOC MUS @6
1300220	M/J MUS TRAN M/J Music Transfer	2/Y		NA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
-----   PEER COUNSELING   -----			
1400000	M/J PEER COUN 1 M/J Peer Counseling 1	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1400010	M/J PEER COUN 2 M/J Peer Counseling 2	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

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PHYSICAL EDUCATION

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ADAPTIVE  
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1500000	M/J ADAP PE IEP/504 M/J Adaptive Physical Education IEP or 504 Plan (MC)	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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GENERAL  
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<sup>a</sup> 1501000	M/J PHYS FIT M/J Physical Fitness	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501002	M/J PHYS FIT CAR PLN M/J Physical Fitness & Career Planning	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501010	M/J BODY MGMT M/J Body Management	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501020	M/J THROW/CATCH M/J Throwing and Catching	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501025	M/J THROW/CATCH&CAR M/J Throwing & Catching & Career Planning	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501030	M/J STRIK/BODY M/J Striking with the Body	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501035	M/J STRIK/BODY&CAR P M/J Striking with Body & Career Planning	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501040	M/J STRIK W/ OBJ M/J Striking with Objects	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501050	M/J STRATEGIES M/J Strategies	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER



## SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
<sup>a</sup> 1501100	M/J COMPRE PE 1 M/J Comprehensive Physical Education 1	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501110	M/J COMPRE PE 2 M/J Comprehensive Physical Education 2	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501120	M/J COMPRE PE 3 M/J Comprehensive Physical Education 3	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1501122	M/J COMPRE PE3 C/P M/J Comprehensive Physical Education 3 & Career Planning	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1501130	IB MYP M/J COMP PE 1 International Baccalaureate Mid Yrs Prog M/J Comprehensive Phys Ed 1	3/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1501131	IB MYP M/J COMP PE 2 International Baccalaureate Mid Yrs Prog M/J Comprehensive Phys Ed 2	3/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1501132	IB MYP M/J COMP PE 3 International Baccalaureate Mid Yrs Prog M/J Comprehensive Phys Ed 3	3/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508000	M/J FITNESS GRADE 6 M/J Fitness - Grade 6	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508100	M/J EDUC GYM/DNC 6 M/J Education Gymnastics/Educational Dance - Grade 6	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508200	M/J TEAM SPORTS GRD7 M/J Team Sports - Grade 7	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508300	M/J OUTDR PRSTS GRD7 M/J Outdoor Pursuits/Aquatics - Grade 7	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508400	M/J EXTRME SPRTS GD8 M/J Extreme/Alternative Sports - Grade 8	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508500	M/J IND/DUAL SPT GD8 M/J Individual/Dual Sports - Grade 8	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508600	M/J COMPRE GRDE 6/7 M/J Comprehensive - Grade 6/7	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1508700	M/J COMPRE GDE 7/8 M/J Comprehensive - Grade 7/8	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1500220	M/J PHYS ED TRAN M/J Physical Education Transfer	2/Y	NA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
-----   RESEARCH AND CRITICAL THINKING   -----			
1700000	M/J RESEARCH 1 M/J Research 1	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700010	M/J RESEARCH 2 M/J Research 2	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700020	M/J RESEARCH 3 M/J Research 3	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700030	M/J RESEARCH 4 M/J Research 4	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700040	M/J RESEARCH 5 M/J Research 5	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700050	M/J RESEARCH 6 M/J Research 6	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700060	CAREER RESEARCH AND DECISION MAKING	2/S	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700100	M/J CRITICAL THINKING, PROBLEM SOLVING, AND LEARNING STRATEGIES	2/Y	ANY ACADEMIC COVERAGE
1700110	M/J AVID 6TH	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700120	M/J AVID 7TH	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700125	M/J AVID 7TH & C/P	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700130	M/J AVID 8TH	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700135	M/J AVID 8TH & C/P	2/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

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SCIENCE

BI OLOGI CAL SCI ENCES

*2000010	M/J LIFE SCIENCE	2/Y	SCIENCE @4 MG INTEG CURRIC C BIOLOGY 1	MG GEN SCI C
*2000020	M/J LIFE SCIENCE, ADVANCED	3/Y	SCIENCE @4 MG INTEG CURRIC C BIOLOGY 1	MG GEN SCI C

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*2000030	IB MYP M/J LIFE SCI International Baccalaureate Mid Yrs Prog M/J Life Science	3/Y		SCIENCE @4 MG INTEG CURRIC C BIOLOGY 1 MG GEN SCI C
*2000050	IB-MYP BIOLOGY International Baccalaureate Mid Yrs Prog Biology	3/Y		MG GEN SCI C MG INTEG CURRIC C BIOLOGY 1 SCIENCE @4
----- EARTH/SPACE SCIENCES -----				
*2001010	M/J EARTH/SPA SCI M/J Earth/Space Science	2/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 MG GEN SCI C ERTH/SPA S 1
*2001020	M/J EARTH/SPA SCI ADV M/J Earth/Space Science, Advanced	3/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 MG GEN SCI C ERTH/SPA S 1
*2001030	IB MYP M/J EARTH/SPACE SCI International Baccalaureate Mid Yrs Prog M/J Earth/Space Science	3/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 MG GEN SCI C ERTH/SPA S 1
----- GENERAL SCIENCES -----				
*2002040	M/J COMPRE SCI 1 M/J Comprehensive Science 1	2/Y		BIOLOGY @4 SCIENCE @3 @4 MG INTEG CURRIC C PHYSICS 1 ERTH/SPA S 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG GEN SCI C CHEM 1 BIOLOGY 1
*2002050	M/J COMPRE SCI 1 ADV M/J Comprehensive Science 1, Advanced	3/Y		SCIENCE @3 @4 MG INTEG CURRIC C PHYSICS 1 ERTH/SPA S 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG GEN SCI C CHEM 1 BIOLOGY 1
*2002060	IB MYP M/J COMP SCI 1 International Baccalaureate Mid Yrs Prog M/J Comprehensive Science 1	3/Y		SCIENCE @3 @4 MG INTEG CURRIC C PHYSICS 1 ERTH/SPA S 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY) MG GEN SCI C CHEM 1 BIOLOGY 1

SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*2002070	M/J COMPRE SCI 2 M/J Comprehensive Science 2	2/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 BIOLOGY 1 PHYSICS 1 ERTH/SPA S 1
*2002080	M/J COMPRE SCI 2 ADV M/J Comprehensive Science 2, Advanced	3/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 ERTH/SPA S 1
*2002090	IB MYP M/J COMP SCI 2 International Baccalaureate Mid Yrs Prog M/J Comprehensive Science 2	3/Y		SCIENCE @3 @4 MG INTEG CURRIC C PHYSICS 1 ERTH/SPA S 1 CHEM 1 BIOLOGY 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2002100	M/J COMPRE SCI 3 M/J Comprehensive Science 3	2/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 BIOLOGY 1 ERTH/SPA S 1
*2002110	M/J COMPRE SCI 3 ADV M/J Comprehensive Science 3, Advanced	3/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 BIOLOGY 1 ERTH/SPA S 1
*2002120	IB MYP M/J COMP SCI 3 International Baccalaureate Mid Yrs Prog M/J Comprehensive Science 3	3/Y		SCIENCE @3 @4 MG INTEG CURRIC C PHYSICS 1 ERTH/SPA S 1 CHEM 1 BIOLOGY 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
PHYSICAL SCIENCES				
*2003010	M/J PHY SCI M/J Physical Science	2/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 ERTH/SPA S 1
*2003020	M/J PHY SCI ADV M/J Physical Science, Advanced	3/Y		SCIENCE @4 MG INTEG CURRIC C CHEM 1 PHYSICS 1 ERTH/SPA S 1
2000220	M/J SCI TRAN M/J Science Transfer	2/Y		NA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
-----   SOCIAL STUDIES   -----				
AMERICAN AND WESTERN HEMISPHERIC HISTORIES -----				
*2100010	M/J US HIST M/J United States History	2/Y	HISTORY @1 MG INTEG CURRIC C SOCIAL SCI 1	MG SOC SCI C
*2100015	M/J US HIST&CAR PLAN M/J United States History & Career Planning	2/Y	HISTORY @1 MG INTEG CURRIC C SOCIAL SCI 1	MG SOC SCI C
*2100020	M/J US HIST ADV M/J United States History, Advanced	3/Y	MG SOC SCI C MG INTEG CURRIC C HISTORY @1	SOCIAL SCI 1
*2100025	M/J US HIS ADV & C/P M/J United States History Advanced & Career Planning	3/Y	MG SOC SCI C MG INTEG CURRIC C HISTORY @1	SOCIAL SCI 1
*2100030	M/J FLORIDA HIST M/J Florida History	2/Y	MG SOC SCI C MG INTEG CURRIC C HISTORY @1	SOCIAL SCI 1
*2100040	IB MYP M/J US HIST International Baccalaureate Mid Yrs Prog M/J United States History	3/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) HISTORY @1 MG INTEG CURRIC C SOCIAL SCI 1	MG SOC SCI C
GEOGRAPHY -----				
*2103010	M/J WORLD GEOG M/J World Geography	2/Y	MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1	GEOGRAPHY @1
*2103015	M/J WORLD GEOG M/J World Geography	2/S	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1	GEOGRAPHY @1
*2103016	M/J WORLD GEOG & C/P M/J World Geography & Career Planning	2/Y	ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY) MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1	GEOGRAPHY @1

## SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*2103018	IB MYP M/J WRLDGEOCP International Baccalaureate Mid Yrs Prog M/J Wrl d Geog & Career Pl anni ng	3/Y		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2103020	M/J WORLD GEOG ADV M/J Worl d Geography, Advanced	3/Y		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103025	M/J WORLD GEOG ADV M/J Worl d Geography, Advanced	3/S		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103026	M/J WORLD GEO ADV&CA M/J Worl d Geography, Advanced and Career Pl anni ng	3/Y		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103030	M/J GEOG: AS, OC, AF M/J Geography: Asi a, Oceani a, Afri ca	2/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103032	M/JGEOG: AS, OC, AF C/P M/J Geography: Asi a, Oceani a, Afri ca & Career Pl anni ng	2/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103040	M/J GEOG: EUR & AM M/J Geography: Europe and The Ameri cas	2/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2103042	M/J GEOG: EUR/AM C/P M/J Geography: Europe and The Ameri cas & Career Pl anni ng	2/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*2103050	M/J FLORIDA: CHA&CHOI M/J Florida: Challenges and Choices	2/Y		MG SOC SCI C MG INTEG CURRIC C HISTORY @1 GEOGRAPHY @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
INTERDISCIPLINARY AND APPLIED SOCIAL STUDIES				
*2104000	M/J SS M/J Social Studies	2/Y		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1 ELEM ED
2104010	M/J ENG CIT SERVLN1 M/J Engaged Citizenship through Service Learning 1	2/S		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
2104020	M/J ENG CIT SERVLN2 M/J Engaged Citizenship through Service Learning 2	2/S		ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
*2104030	M/J US ECON & GEOG M/J United States Economics & Geography	2/S		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1
*2104035	M/J US ECON&GEOG ADV M/J United States Economics & Geography Advanced	2/S		MG SOC SCI C MG INTEG CURRIC C SOCIAL SCI 1
MULTICULTURAL STUDIES				
* <sup>a</sup> 2105000	M/J MULTICLTRL: US M/J Multicultural Studies: United States	2/Y		MG SOC SCI C MG INTEG CURRIC C HISTORY @1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2105020	M/J WORLD CLTRS M/J World Cultures	2/Y		MG SOC SCI C MG INTEG CURRIC C HISTORY @1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)

		GRADES 6 TO 8 EDUCATION COURSES	
COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
*2105025	M/J WORLD CLTRS C/P M/J World Cul tures & Career Pl anni ng	2/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2105030	M/J ADV WORLD CLTRS M/J Advanced World Cul tures	3/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2105035	M/J ADV WLD CLTR C/P M/J Advanced World Cul tures & Career Pl anni ng	3/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2105040	IB MYP M/J WRLD CLTR International Baccal aureate Mi d Yrs Prog M/J World Cul tures	3/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 POL SCI @1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)

POLITICAL SCIENCES

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*2106010	M/J CIVICS M/J Ci vi cs	2/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 POL SCI @1 SOCIAL SCI 1
*2106015	M/J CIVICS M/J Ci vi cs	2/S	MG SOC SCI C MG INTEG CURRIC C POL SCI @1 SOCIAL SCI 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2106016	M/J CIVICS & CAR PL M/J Ci vi cs & Career Pl anni ng	2/Y	MG SOC SCI C MG INTEG CURRIC C POL SCI @1 SOCIAL SCI 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2106020	M/J CIVICS ADV M/J Ci vi cs, Advanced	3/Y	MG SOC SCI C MG INTEG CURRIC C HI STORY @1 POL SCI @1 SOCIAL SCI 1



COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES		CERTIFICATION
		COURSE LEVEL/LENGTH		
*2106025	M/J CIVICS ADV M/J Ci vi cs, Advanced	3/S		MG SOC SCI C MG INTEG CURRIC C POL SCI @1 SOCIAL SCI 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2106026	M/J CIVICS ADV&CAR P M/J Ci vi cs, Advanced & Career Pl anni ng	3/Y		MG SOC SCI C MG INTEG CURRIC C POL SCI @1 SOCIAL SCI 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2106028	IB MYP M/J CIVADVCP International Baccal aureate Mid Yrs Prog M/J Ci vi cs Adv & Career Pl anni ng	3/Y		MG SOC SCI C MG INTEG CURRIC C POL SCI @1 SOCIAL SCI 1 ELEM ED K (SIXTH GRADE ONLY) ELEM ED @ 3 (SIXTH GRADE ONLY)
*2106030	M/J LAW STUDIES M/J Law Studi es	2/Y		LAW @4 MG SOC SCI C MG INTEG CURRIC C HI STORY @1 POL SCI @1 SOCIAL SCI 1

-----  
WORLD AND EASTERN HEMI SPHERIC HI STORIES  
-----

*2109010	M/J WORLD HI ST M/J Worl d Hi story	2/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
*2109020	M/J WORLD HI ST ADV M/J Worl d Hi story, Advanced	3/Y		MG SOC SCI C MG INTEG CURRIC C HI STORY @1 SOCIAL SCI 1 ELEM ED @ 3 (SIXTH GRADE ONLY) ELEM ED K (SIXTH GRADE ONLY)
2100220	M/J SS TRAN M/J Soci al Studi es Transfer	2/Y		NA

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STUDY HALL

2200000	M/J STUDY HALL 1 M/J Study Hall 1	2/Y		ANY FIELD
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COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES	
		COURSE LEVEL/LENGTH	CERTIFICATION
2200010	M/J STUDY HALL 2 M/J Study Hall 2	2/Y	ANY FIELD
2200020	M/J STUDY HALL 3 M/J Study Hall 3	2/Y	ANY FIELD
2200030	M/J STUDY HALL 4 M/J Study Hall 4	2/Y	ANY FIELD
2200040	M/J STUDY HALL 5 M/J Study Hall 5	2/Y	ANY FIELD
2200050	M/J STUDY HALL 6 M/J Study Hall 6	2/Y	ANY FIELD

-----  
CAREER AND TECHNICAL BASIC

-----  
AGRICULTURAL EDUCATION  
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<sup>a</sup> 2303000	M/J GEN AG M/J General Agriculture	2/Y	AGRICULTUR 1	EXP AG	@4
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-----  
BUSINESS EDUCATION  
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<sup>a</sup> 2300000	M/J EMP SKLS M/J Employability Skills	2/Y	ANY VOCATIONAL FIELD OR COVERAGE		
<sup>a</sup> 2300010	M/J GEN BUSINESS M/J General Business	2/Y	BUS ED 1 TEACH CBE @7	BOOKKEEPIN @4 VOE @7	
<sup>a</sup> 2300020	M/J SHORTH D PERS M/J Shorthand, Personal	2/Y	BUS ED 1 SECRETAR c7	VOE @7 TEACH CBE @7	
<sup>a</sup> 2300030	M/J TYPE PERS M/J Typewriting, Personal	2/Y	BUS ED 1 TEACH CBE @7 CLERICAL c7	TYPWRIT @4 VOE @7 SECRETAR c7	
<sup>a</sup> 2300040	M/J KEYBD M/J Keyboarding	2/Y	BUS ED 1 TEACH CBE @7 SECRETAR c7	VOE @7 CLERICAL c7	

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HEALTH OCCUPATIONS  
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<sup>a</sup> 2304000	M/J HEALTH OCCS M/J Health Occupations	2/Y	PRAC NURSE @7 @G DENTL ASST @7 G NURSING ED @5	MED ASST @7 G LAB ASST @7 G	
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SECTION 3

GRADES 6-8

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	GRADES 6 TO 8 EDUCATION COURSES COURSE LEVEL/LENGTH	CERTIFICATION
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FAMILY AND CONSUMER SCIENCES

<sup>a</sup> 2302000	M/J FAM CONS SCI M/J Family and Consumer Sciences	2/Y	VOC HME EC @4 FAM CON SC 1
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TECHNOLOGY EDUCATION

<sup>a</sup> 2301030	INTROD TO TECH Introducti on to Technol ogy	2/Y	HANDCRAFTS @4 TEC ED 1
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OTHER

<sup>a</sup> 2305000	M/J CAR ED M/J Career Educati on	2/S	ANY FIELD
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| GRADED SELF-CONTAINED |

<sup>*a</sup> 2400000	SIXTH GRADE Sixth Grade	/Y	ELEM ED @3 ELEM ED K
2400200	M/J HMER M/J Homeroom	/Y	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

| TEMPORARY INSTRUCTIONAL PLACEMENT |

2500500	TEMP INSTR PL Temporary Instructi onal Pl acement	/Y	ANY FIELD
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### Section 3: Grades Pre-K to 12 Education Courses

Elementary (Grades PreK-5)

Middle School Grades 6-8

#### **Grades 9 to 12 and Adult Education Courses**

Art/Visual Arts .....	2
Computer Education .....	8
Dance .....	10
Drama/Theatre Arts .....	12
Experiential Education .....	14
World (Foreign) Languages .....	16
Health .....	29
Humanities .....	30
Language Arts .....	32
Library Media .....	38
Mathematics .....	40
Music .....	44
Physical Education.....	50
Research and Critical Thinking .....	55
ROTC and Military Training .....	56
Safety and Drivers Education .....	58
Science .....	58
Social Studies .....	64
Leadership Skills Development.....	72
Study Hall .....	72
Temporary Instructional Placement .....	73

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
-----  ART-VISUAL ARTS  -----							
ART HISTORY/CRITICISM -----							
0100300	ADV PL ART HIST Advanced Placement Art-History of Art	3/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
0100310	ART APPREC/HIS/CRIT Art Appreciation/History/Criticism	3/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
0100320	ART IN OTHER CLTRS Art in Other Cultures	2/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
0100330	ART HIST 1 Art History 1	3/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
0100340	ART HIST 2 Art History 2	3/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
<sup>a</sup> 0100350	ART HIST 3 Art History 3	3/Y	PF	1.0	ART ED ART	@4 6	HUMANITIES 6
ART COMPREHENSIVE -----							
0101300	ART/2-D COMPRE 1 Art/2-D Comprehensive 1	2/Y	PF	1.0	ART ED	@4	ART 6
0101310	ART/2-D COMPRE 2 Art/2-D Comprehensive 2	2/Y	PF	1.0	ART ED	@4	ART 6
0101320	ART/2-D COMPRE 3 Art/2-D Comprehensive 3	2/Y	PF	1.0	ART ED	@4	ART 6
0101330	ART/3-D COMPRE 1 Art/3-D Comprehensive 1	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
0101340	ART/3-D COMPRE 2 Art/3-D Comprehensive 2	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
0101350	ART/3-D COMPRE 3 Art/3-D Comprehensive 3	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
<sup>a</sup> 0101360	ART/2-D & 3-D COMPRE Art/2-D and 3-D Comprehensive	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
0101370	AICE ART & DESIGN 1 AICE Art and Design 1	3/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
0101371	AICE ART & DESIGN 2 AICE Art and Design 2	3/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
0102330	AICE ART&DES CER AICE Art & Design - Ceramics	3/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
----- CERAMICS/POTTERY -----							
<sup>a</sup> 0102300	CERAM/POT 1 Ceramics/Pottery 1	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
<sup>a</sup> 0102310	CERAM/POT 2 Ceramics/Pottery 2	2/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
<sup>a</sup> 0102320	CERAM/POT 3 Ceramics/Pottery 3	3/Y	PF	1.0	ART ED ART	@4 6	HANDCRAFTS @4
----- DIGITAL ARTS -----							
<sup>a</sup> 0103300	CPTR GRAPHICS Computer Graphics	2/Y	PF	1.0	ART ED ART	@4 6	ART 6
<sup>a</sup> 0103310	ADV CPTR GRAPHICS Advanced Computer Graphics	3/Y	PF	1.0	ART ED ART	@4 6	ART 6
<sup>a</sup> 0103330	CPTR 3-D DESIGN Computer Art: Applications to 3D Design	2/Y	PF	1.0	ART ED ART	@4 6	GRAPH ARTS @4
<sup>a</sup> 0103340	CPTR GRAPHIC DESIGN Computer Art: Applications to Graphic Design	2/Y	PF	1.0	ART ED ART	@4 6	GRAPH ARTS @4
<sup>a</sup> 0103350	CPTR IMAGE PROC 1 Computer Art: Image Processing 1 - Electronic Printing	2/Y	PF	1.0	ART ED ART	@4 6	GRAPH ARTS @4
<sup>a</sup> 0103360	CPTR PRINTMG Computer Art: Applications to Printing	2/Y	PF	1.0	ART ED ART	@4 6	GRAPH ARTS @4
<sup>a</sup> 0103370	CPTR PAINTING Computer Art: Applications to Painting	2/Y	PF	1.0	ART ED ART	@4 6	GRAPH ARTS @4
0106320	AICE ART&DES GPHC DE AICE Art & Design - Graphic Design	3/Y	PF	1.0	ART GRAPH ARTS	6 @4	ART ED @4
----- DRAWING/PAINTING -----							
0104300	ADV PL ART/DRAW PORT Advanced Placement Art-Drawing Portfolio	3/Y	PF	1.0	ART ED ART	@4 6	ART 6
<sup>a</sup> 0104310	2-D ART/PAINT Two-Dimensional Art/Painting	2/Y	PF	1.0	ART ED ART	@4 6	ART 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
<sup>a</sup> 0104320	DRAW/PAINT 1 Drawing and Painting 1	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104330	DRAW/PAINT 2 Drawing and Painting 2	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104340	DRAW 1 Drawing 1	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104350	DRAW 2 Drawing 2	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104360	DRAW 3 Drawing 3	3/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104370	PAINT 1 Painting 1	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104380	PAINT 2 Painting 2	2/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104390	PAINT 3 Painting 3	3/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104400	DRAW/PAINT 3 Drawing and Painting 3	3/Y	PF	1.0	ART ED @4	ART 6
<sup>a</sup> 0104410	FIG DRAW Figure Drawing	2/Y	PF	1.0	ART ED @4	ART 6
0104420	AICE ART&DES PNT&MED AICE Art and Design - Painting & Related Media	3/Y	PF	1.0	ART 6	ART ED @4
FABRICS/FIBERS						
<sup>a</sup> 0105300	FABRS/FIBS 1 Fabrics/Fibers 1	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
<sup>a</sup> 0105310	FABRS/FIBS 2 Fabrics/Fibers 2	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
0105320	AICE DRESS, TEXTILES AICE Dress and Textiles	3/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
0105330	AICE ART&DES FSH&DES AICE Art & Design - Fashion & Design	3/Y	PF	1.0	ART 6	ART ED @4
0105340	AICE ART&DES TXTILES AICE Art & Design - Textiles	3/Y	PF	1.0	ART 6	ART ED @4
DIGITAL ARTS						
<sup>a</sup> 0106300	GRAPHIC DESIGN 1 Graphic Design 1	2/Y	PF	1.0	ART ED @4 ENGLISH 1 JOURNALISM 1	ART GRAPH ARTS @4 TEC ED 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
<sup>a</sup> 0106310	GRAPHIC DESIGN 2 Graphic Design 2	2/Y	PF	1.0	ART ED @4 ENGLISH 1 JOURNALISM 1	ART 6 GRAPH ARTS @4 TECH 1
JEWELRY						
<sup>a</sup> 0107300	JEWEL 1 Jewelry 1	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
<sup>a</sup> 0107310	JEWEL 2 Jewelry 2	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
MULTIMEDIA						
<sup>a</sup> 0107400	MULTIMEDIA TECHS Multimedia Technologies	2/Y	PF	1.0	ART ED @4 ART 6	COMPUTER SCI 6 ENGLISH 1
<sup>a</sup> 0107410	FILM 1 Film 1	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>a</sup> 0107420	FILM 2 Film 2	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>a</sup> 0107430	FILM 3 Film 3	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>a</sup> 0107440	VISUAL TECH 1 Visual Technology 1	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>a</sup> 0107450	VISUAL TECH 2 Visual Technology 2	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>a</sup> 0107460	VISUAL TECH 3 Visual Technology 3	2/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>⌘</sup> 0107470	IB FILM STUDIES International Baccalaureate Film Studies	3/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
<sup>⌘</sup> 0107472	IB FILM STUDIES 2 International Baccalaureate Film Studies	3/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
0107474	IB FILM STUDIES 3 International Baccalaureate Film Studies	3/Y	PF	1.0	ART 6 ENGLISH 1	DRAMA 1
0107480	AICE ART&DES FLM&VID AICE Art & Design - Film & Video	3/Y	PF	1.0	ART 6	ART ED @4



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION			
----- PHOTOGRAPHY -----								
<sup>a</sup> 0108300	CINEMATOGRAPHY Cinematography	2/Y	PF	1.0	ART ED	@4	ART	6
0108310	CREATIVE PHOTO 1 Creative Photography 1	2/Y	PF	1.0	ART ED	@4	ART	6
0108320	CREATIVE PHOTO 2 Creative Photography 2	2/Y	PF	1.0	ART ED	@4	ART	6
0108330	CREATIVE PHOTO 3 Creative Photography 3	3/Y	PF	1.0	ART ED	@4	ART	6
<sup>a</sup> 0108340	CREATIVE PHOTO 4 Creative Photography 4	3/Y	PF	1.0	ART ED	@4	ART	6
<sup>a</sup> 0108350	COLOR PHOTO Color Photography	2/Y	PF	1.0	ART ED	@4	ART	6
0108360	AICE ART&DES PHOTO AICE Art and Design - Photography	3/Y	PF	1.0	ART	6	ART ED	@4
----- PORTFOLIO -----								
<sup>a</sup> 0109310	PORTF 1 Portfolio 1	2/Y	PF	1.0	ART ED	@4	ART	6
<sup>a</sup> 0109320	PORTF 2 Portfolio 2	3/Y	PF	1.0	ART ED	@4	ART	6
<sup>a</sup> 0109330	PORTF 3 Portfolio 3	3/Y	PF	1.0	ART ED	@4	ART	6
0109350	ADV PL STUDIO/2-D Advanced Placement Studio Art Two-Dimensional Design Portfolio	3/Y	PF	1.0	ART ED	@4	ART	6
0109360	ADV PL STUDIO/3-D Advanced Placement Studio Art Three-Dimensional Design Portfolio	3/Y	PF	1.0	ART ED	@4	ART	6
----- PRINTMAKING -----								
<sup>a</sup> 0110300	PRINTMG 1 Printmaking 1	2/Y	PF	1.0	ART ED	@4	ART	6
<sup>a</sup> 0110310	PRINTMG 2 Printmaking 2	2/Y	PF	1.0	ART ED	@4	ART	6
0110320	AICE ART&DES PRINTMG AICE Art & Design - Printmaking	3/Y	PF	1.0	ART	6	ART ED	@4

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
----- SCULPTURE -----						
<sup>a</sup> 0111300	3-D ART/SCULPT Three-Dimensional Art/Sculpture	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6 GRAPH ARTS @4
<sup>a</sup> 0111310	SCULPT 1 Sculpture 1	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
<sup>a</sup> 0111320	SCULPT 2 Sculpture 2	2/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
<sup>a</sup> 0111330	SCULPT 3 Sculpture 3	3/Y	PF	1.0	ART ED @4 HANDCRAFTS @4	ART 6
0111340	AICE ART&DES SCULPT AICE Art & Design - Sculpture	3/Y	PF	1.0	ART 6	ART ED @4
----- COMMERCIAL ART -----						
<sup>a</sup> 0112300	COMMERCIAL ART 1 Commercial Art 1	2/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
<sup>a</sup> 0112310	COMMERCIAL ART 2 Commercial Art 2	2/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
<sup>a</sup> 0112320	COMMERCIAL ART 3 Commercial Art 3	3/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
----- ARCHITECTURAL AND INTERIOR DESIGN -----						
<sup>a</sup> 0113300	ARCH DESIGN 1 Architectural Design 1	2/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
<sup>a</sup> 0113310	ARCH DESIGN 2 Architectural Design 2	2/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
<sup>a</sup> 0113320	ARCH DESIGN 3 Architectural Design 3	3/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
<sup>a</sup> 0113350	INTERIOR DESIGN Interior Design	2/Y	PF	1.0	ART ED @4 GRAPH ARTS @4	ART 6 TEC ED 1
----- RESEARCH/STUDIO/THEORY -----						
0114800	ART 1-PRE IB Art 1-Preinternational Baccalaureate	3/Y	PF	1.0	ART ED @4	ART 6
0114810	ART 2-PRE IB Art 2-Preinternational Baccalaureate	3/Y	PF	1.0	ART ED @4	ART 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
0114820	ART RES 1-B-IB Art 1-B-Art/Design (Research) Sub Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
0114830	ART RESEARCH 2-B-IB Art 2-B-Art/Design (Research) Sub Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
0114840	ART STUDIO 1-A-IB Art 1-A-Art/Design (Studio) Sub Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
0114850	ART STUDIO 2-A-IB Art 2-A-Art/Design (Studio) Sub Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
0114860	ART 1-A & B-IB Art 1-A and B-Art/Design Higher Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
0114870	ART 2-A & B-IB Art 2-A and B-Art/Design Higher Level-International Baccalaureate	3/Y	PF	1.0	ART ED	@4 ART 6
ª0114880	IB MYP ART 1 HON International Baccalaureate Mid Yrs Prog Art 1 Honors	3/Y	PF	1.0	ART ED	@4 ART 6
ª0114890	IB MYP ART 2 HON International Baccalaureate Mid Yrs Prog Art 2 Honors	3/Y	PF	1.0	ART ED	@4 ART 6
0100990	ART TRAN Art Transfer	/Z			NA	

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COMPUTER EDUCATION

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 APPLI CATIONS  
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ª0200300	INTROD CPRTS Introduction to Computers	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
ª0200310	CPTR APPLS 1 Computer Applications 1	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
ª0200330	CPTR APPLS 2 Computer Applications 2	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	
ª0200340	APPL CPTR TECH Applied Computer Technology	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER	

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 0200350	CPTR APPLS SCI ENG Computer Applications in Science and Engineering	3/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200360	EM CPTR TECHS Emergent Computer Technologies	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200370	VISUAL CPTR MODEL Visual Computer Modeling	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200385	INTERACTIVE DESIGN Interactive Design	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200390	INFORMATION DESIGN Information Design	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200400	WEB MASTERS Web Masters	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0200410	DESIGN PORT Design Portfolio	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0200420	AICE CPTR AICE Computing	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0200890	INFO TECH SOCI IB-1 Information Technology in Global Society 1 International Baccalaureate	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0200900	INFO TECH SOCI IB-2 Information Technology in Global Society 2 International Baccalaureate	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

PROGRAMMING

<sup>a</sup> 0201300	CPTR PROG 1 Computer Programming 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201310	CPTR PROG 2 Computer Programming 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201320	CPTR PROG 3 Computer Programming 3	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201330	CPTR PROG BAS 1 Computer Programming-Basic 1	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201340	CPTR PROG BAS 2 Computer Programming-Basic 2	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201350	CPTR PROG PASCAL Computer Programming-Pascal	3/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201360	CPTR PROG FORTRAN Computer Programming-Fortran	3/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
<sup>a</sup> 0201380	CPTR PROG COBOL Computer Programming-Cobol	3/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- ADVANCED PROGRAMMING -----					
0200320	ADV PL CPTR SCI A Advanced Placement Computer Science A	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
0200800	CPTR STUDIES IB-1 Computer Studies International Baccalaureate - 1	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
0200810	CPTR STUDIES IB-2 Computer Studies International Baccalaureate - 2	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER COMPU SCI 6
0200990	CPTR ED TRAN Computer Education Transfer	/Z			NA

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DANCE

0300300	ETHNIC DANCE Ethnic Dance	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300310	DANCE TECNQS 1 Dance Technique 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300320	DANCE TECHNQS 2 Dance Techniques 2	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300330	DANCE TECHNQS 3 Dance Techniques 3	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300340	BALLET 1 Ballet 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300350	BALLET 2 Ballet 2	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300360	BALLET 3 Ballet 3	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300370	BALLET 4 Ballet 4	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300380	DANCE CHOR PERF 1 Dance Choreography/Performance 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300390	DANCE CHOR PERF 2 Dance Choreography/Performance 2	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300400	DANCE REPERT 1 Dance Repertory 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0300410	DANCE REPEERT 2 Dance Repertory 2	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300420	DANCE REPERT 3 Dance Repertory 3	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300430	DANCE REPERT 4 Dance Repertory 4	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300440	DANCE DISAB STUS Dance for Disabled Students	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300450	DANCE HIST/APPREC 1 Dance History/Appreciation 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300460	DANCE HIST/APPREC 2 Dance History/Appreciation 2	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300470	DANCE AEST 1 Dance Aesthetics 1	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300480	DANCE KINE 1 Dance Kinestology 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300490	DANCE TECNQS 4 Dance Techniques 4	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300600	DANCE KINESIOLOGY 2 Dance Kinestology 2	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300610	DANCE AEST 2 Dance Aesthetics 2	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300620	DANCE CAR PREP Dance Career Preparation	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300630	INTROD DANCE CAR Introduction to Dance Career Opportunities	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
<sup>a</sup> 0300640	INTROD DANCE THRP Introduction to Dance Therapy	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300650	DANCE PRE-IB Dance Preinternational Baccalaureate	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300660	DANCE 2-IB Dance 2-International Baccalaureate	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300670	DANCE 3-IB Dance 3-International Baccalaureate	3/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER DANCE 6
0300990	DANCE TRAN Dance Transfer	/Z			NA

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
-----   DRAMA-THEATRE ARTS   -----							
0400300	INTROD DRAMA Introduction to Drama	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA MG ENG C
0400310	DRAMA 1 Drama 1	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA MG ENG C
0400320	DRAMA 2 Drama 2	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400330	DRAMA 3 Drama 3	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400340	DRAMA 4 Drama 4	3/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400345	PRE-AICE DRAMA Pre-AICE Drama	3/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400350	THEA HIST LIT 1 Theatre History and Literature 1	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400360	THEA HIST LIT 2 Theatre History and Literature 2	3/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400370	ACTING 1 Acting 1	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400380	ACTING 2 Acting 2	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400390	ACTING 3 Acting 3	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400400	ACTING 4 Acting 4	3/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400405	IB MYP DRAMA 1 HON International Baccalaureate Mid Yrs Prog Drama 1 Honors	3/Y	PF	1.0	DRAMA	1	
0400406	IB MYP DRAMA 2 HON International Baccalaureate Mid Yrs Prog Drama 2 Honors	3/Y	PF	1.0	DRAMA	1	
0400410	STAGECRAFT 1 Stagecraft 1	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400420	STAGECRAFT 2 Stagecraft 2	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400430	STAGECRAFT 3 Stagecraft 3	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400440	STAGECRAFT 4 Stagecraft 4	3/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C
0400450	COMPRE THEA 1 Comprehensive Theatre 1	2/Y	PF	1.0	ENGLISH SPEECH	1 1	DRAMA C

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 0400460	COMPRES THEA 2 Comprehensive Theatre 2	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400470	COMPRES THEA 3 Comprehensive Theatre 3	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400480	COMPRES THEA 4 Comprehensive Theatre 4	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400490	THEA HIST-LIT 3 Theatre History and Literature 3	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400500	THEAC DIREC 1 Theatrical Direction 1	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400510	THEAC DIRECT 2 Theatrical Direction 2	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400520	COSTUME DESIGN Costume Design	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400530	STAGE MAKEUP 1 Stage Makeup 1	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400540	VOICE & DICTI ON 1 Voice and Dicti on 1	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400600	THEA TECHS 1 Theatre Technology 1	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400610	STAGE MAKE-UP 2 Stage Make-Up 2	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400620	IMPRO Improvisati on	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400630	VOICE & DICTI ON 2 Voice and Di cti on 2	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400640	VOICE & DICTI ON 3 Voice and Di cti on 3	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
<sup>a</sup> 0400650	MIME & MOV Mime and Movement	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400660	INTROD FILM & ENTER Introduction to Film and Entertainment	2/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400810	THEA 1-IB Theatre 1-Internati onal Baccal aureate	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400820	THEA 2-IB Theatre 2-Internati onal Baccal aureate	3/Y	PF	1.0	ENGLISH 1 SPEECH 1 DRAMA 1
0400990	DRAMA TRAN Drama Transfer	/Z			ENGLISH 1 SPEECH 1 NA 1



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
-----   EXPERIENTIAL EDUCATION   -----					
0500300	EXEC INTERN 1 Executive Internship 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500310	EXEC INTERN 2 Executive Internship 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500320	EXEC INTERN 3 Executive Internship 3	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500330	EXEC INTERN 4 Executive Internship 4	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500340	EXPLOR TCHG 1 Exploratory Teaching 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500350	EXPLOR TCHG 2 Exploratory Teaching 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500370	VOL PUB SERV Voluntary Public Service	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500400	DEST GEOGRAPHY Destinations Geography	2/Y		1.0	GEOGRAPHY @1 SOCIAL SCI 1 MG SOC SCI C
0500500	PERS, CAR, SCH DEV 1 Personal, Career, and School Development Skills 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500510	PERS, CAR, SCH DEV 2 Personal, Career, and School Development Skills 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500520	PERS, CAR, SCGH DEV 3 Personal, Career, and School Development Skills 3	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500530	PERS, CAR, SCH DEV 4 Personal, Career, and School Development Skills 4	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500600	CONCS PUB AFFS CONCS PUB AFFS Concepts of Public Affairs	2/Y		1.0	HISTORY @1 POL SCI @1 SOCIAL SCI 1 MG SOC SCI C
<sup>a</sup> 0500610	SPEC ISS PUB AFFS Special Issues in Public Affairs	2/S		0.5	HISTORY @1 POL SCI @1 SOCIAL SCI 1 MG SOC SCI C
<sup>a</sup> 0500620	LEG ISS PUB AFFS Legal Issues in Public Affairs	2/S		0.5	HISTORY @1 POL SCI @1 SOCIAL SCI 1 MG SOC SCI C
<sup>a</sup> 0500700	CONCS OF ENGR Concepts of Engineering	2/Y		1.0	SCIENCE @4 BIOLOGY 1 CHEM 1 PHYSICS 1 MG GEN SCI C MATH 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 0500710	AERON Aeronautics	2/Y		1.0	SCIENCE @4 CHEM 1 MG GEN SCI C BIOLOGY 1 PHYSICS 1
<sup>a</sup> 0500720	AERO MATH/SCI Aerospace Applications of Math and Science	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500730	AEROD Aerodynamics	2/Y		1.0	ANY FIELD OF MATH AND SCIENCE
<sup>a</sup> 0500740	AIR CARGO Air Cargo	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500750	AIRP OPERAT Airport Operations	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500760	FLT OPERAT Flight Operations	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500770	HUMAN FACTS IN AVIA Human Factors In Aviation	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0500900	INTROD INTL BUS/FIN Introduction to In Business and Finance	2/S		0.5	MATH 1 BUS ED 1 @4 BOOKKEEPIN @4
<sup>a</sup> 0500910	MODES OF LRNG: ART/MU Modes of Learning: Art and Music	2/S		0.5	ANY ACADEMIC COVERAGE
<sup>a</sup> 0500920	TECH IN THE CLASSRM Technology In The Classroom	2/S		0.5	ANY ACADEMIC COVERAGE
<sup>a</sup> 0500930	EDUC MTH Educational Methodology	2/S		0.5	ANY ACADEMIC COVERAGE
<sup>a</sup> 0500940	CHILD DEV FOR EDUCAS Child Development for Educators	2/S		0.5	ANY ACADEMIC COVERAGE
<sup>a</sup> 0500950	PSY FOR EDUCAS Psychology for Educators	2/S		0.5	ANY ACADEMIC COVERAGE
0500960	READ AND WRIT/CURR Reading and Writing Across The Curriculum	2/S		0.5	ENGLISH 1 READING 6 READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
<sup>a</sup> 0500970	ADV INTER THESIS PR Advanced Interdisciplinary Thesis Production	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0500980	PORTF 1-TV Portfolio 1-Television	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0501310	DISC/MED SCI & RE CARS Discovery of Medical Science and Related Careers	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0501320	EXPLO WIDE WORLD MED Exploring Wide World of Medicine	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 0501330	INTEG MED SCI 1 Integrated Medical Science 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0501340	INTEG MED SCI 2 Integrated Medi cal Sci ence 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
0502400	AICE ACCOUNTING 1 AI CE Accounti ng 1	3/Y		1.0	MATH 1 BOOKKEEPIN @4
0502410	AICE ACCOUNTING 2 AI CE Accounti ng 2	3/Y		1.0	MATH 1 BOOKKEEPIN @4

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WORLD (FOREIGN) LANGUAGES

HAITIAN CREOLE

0700300	HAITIAN CREOLE 1 Hai ti an Creole for Hai ti an Creole Speakers 1	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CREOLE HAITIAN CREOLE @4 6
0700310	HAITIAN CREOLE 2 Hai ti an Creole for Hai ti an Creole Speakers 2	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CREOLE HAITIAN CREOLE @4 6
0700320	HAITIAN CREOLE 3 Hai ti an Creole for Hai ti an Creole Speakers 3	3/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CREOLE HAITIAN CREOLE @4 6
0700330	HAITIAN CREOLE 4 Hai ti an Creole for Hai ti an Creole Speakers 4	3/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN CREOLE HAITIAN CREOLE @4 6

FRENCH

0701320	FRENCH 1 French 1	2/Y		1.0	FRENCH @4 6
0701330	FRENCH 2 French 2	2/Y		1.0	FRENCH @4 6
0701340	FRENCH 3 French 3	3/Y		1.0	FRENCH @4 6
0701350	FRENCH 4 French 4	3/Y		1.0	FRENCH @4 6
0701360	FRENCH 5 French 5	3/Y		1.0	FRENCH @4 6
0701370	FRENCH 6 French 6	3/Y		1.0	FRENCH @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0701380	ADV PL FRENCH Advanced Placement-French Language	3/Y		1.0	FRENCH @4 6
0701391	AICE FRENCH AICE French Language	3/Y		1.0	FRENCH @4 6
0701392	AICE FRENCH LIT AICE French Literature	3/Y		1.0	FRENCH @4 6
0701394	PRE-AICE FRENCH 1 Pre-AICE French Language 1	3/Y		1.0	FRENCH @4 6
0701396	PRE-AICE FRENCH 2 Pre-AICE French Language 2	3/Y		1.0	FRENCH @4 6
0701800	FRENCH 1-PRE IB French 1-Preinternational Baccal aureate	3/Y		1.0	FRENCH @4 6
0701810	FRENCH 2-PRE IB French 2-Preinternational Baccal aureate	3/Y		1.0	FRENCH @4 6
0701820	FRENCH 3-PRE IB French 3-Preinternational Baccal aureate	3/Y		1.0	FRENCH @4 6
0701830	FRENCH 4-B-IB French 4-Language B-International Baccal aureate	3/Y		1.0	FRENCH @4 6
0701840	FRENCH 5-B-IB French 5-Language B-International Baccal aureate	3/Y		1.0	FRENCH @4 6
0701850	FRENCH 4-A-IB French 4-Language A-International Baccal aureate	3/Y		1.0	FRENCH @4 6
0701860	FRENCH 5-A-IB French 5-Language A-International Baccal aureate	3/Y		1.0	FRENCH @4 6
0701870	IB MYP FRENCH 1 HON International Baccal aureate Mid Yrs Prog French 1 Honors	3/Y		1.0	FRENCH @4 6
0701880	IB MYP FRENCH 2 HON International Baccal aureate Mid Yrs Prog French 2 Honors	3/Y		1.0	FRENCH @4 6
0701890	IB MYP FRENCH 3 HON International Baccal aureate Mid Yrs Prog French 3 Honors	3/Y		1.0	FRENCH @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- GERMAN -----					
0702320	GERMAN 1 German 1	2/Y		1.0	GERMAN @4 6
0702330	GERMAN 2 German 2	2/Y		1.0	GERMAN @4 6
0702340	GERMAN 3 German 3	3/Y		1.0	GERMAN @4 6
0702350	GERMAN 4 German 4	3/Y		1.0	GERMAN @4 6
0702360	GERMAN 5 German 5	3/Y		1.0	GERMAN @4 6
0702370	GERMAN 6 German 6	3/Y		1.0	GERMAN @4 6
0702380	ADV PL GERMAN Advanced Placement-German Language	3/Y		1.0	GERMAN @4 6
0702800	GERMAN 1-PRE IB German 1-Pre International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702810	GERMAN 2-PRE IB German 2-Pre International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702820	GERMAN 3-PRE IB German 3-Pre International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702830	GERMAN 4-B-IB German 4-Language B-International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702840	GERMAN 5-B-IB German 5-Language B-International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702850	GERMAN 4-A-IB German 4-Language A-International Baccalaureate	3/Y		1.0	GERMAN @4 6
0702860	GERMAN 5-A-IB German 5-Language A-International Baccalaureate	3/Y		1.0	GERMAN @4 6
----- GREEK -----					
0703320	GREEK 1 Greek 1	2/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN GREEK

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0703330	GREEK 2 Greek 2	2/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703340	GREEK 3 Greek 3	3/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703350	GREEK 4 Greek 4	3/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703360	GREEK 5 Greek 5	3/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703370	GREEK 6 Greek 6	3/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703380	CL GREEK 1 Classi cal Greek 1	2/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK
0703390	CL GREEK 2 Classi cal Greek 2	2/Y		1.0	GREEK @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN GREEK LATIN @4 6

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HEBREW

0704300	HEBREW 1 Hebrew 1	2/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW
0704310	HEBREW 2 Hebrew 2	2/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW
0704320	HEBREW 3 Hebrew 3	3/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW
0704330	HEBREW 4 Hebrew 4	3/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW
0704340	HEBREW 5 Hebrew 5	3/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW
0704350	HEBREW 6 Hebrew 6	3/Y		1.0	HEBREW @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN HEBREW

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ITALIAN

0705320	ITALIAN 1 Italian 1	2/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705330	ITALIAN 2 Italian 2	2/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705340	ITALIAN 3 Italian 3	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705350	ITALIAN 4 Italian 4	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0705360	ITALIAN 5 Italian 5	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705370	ITALIAN 6 Italian 6	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705380	AP ITALIAN LANG & CU Advanced Placement Italian Language & Culture	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705390	PRE-IB ITALIAN 1 Pre-International Baccal aureate Italian 1	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705391	PRE-IB ITALIAN 2 Pre-International Baccal aureate Italian 2	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705392	PRE-IB ITALIAN 3 Pre-International Baccal aureate Italian 3	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705393	IB ITALIAN 4 International Baccal aureate Italian 4	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL
0705394	IB ITALIAN 5 International Baccal aureate Italian 5	3/Y		1.0	ITALIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN ITAL

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 LATIN  
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0706300	LATIN 1 Latin 1	2/Y		1.0	LATIN @4 6
0706310	LATIN 2 Latin 2	2/Y		1.0	LATIN @4 6
0706320	LATIN 3 Latin 3	3/Y		1.0	LATIN @4 6
0706330	LATIN 4 Latin 4	3/Y		1.0	LATIN @4 6
0706340	LATIN 5 Latin 5	3/Y		1.0	LATIN @4 6
0706350	LATIN 6 Latin 6	3/Y		1.0	LATIN @4 6
0706370	ADV PL LATIN VERGIL Advanced Placement Latin: Vergil	3/Y		1.0	LATIN @4 6
0706380	AICE LATIN AICE Latin Language	3/Y		1.0	LATIN @4 6
0706382	PRE-AICE LATIN 1 Pre-AICE Latin Language 1	3/Y		1.0	LATIN @4 6
0706384	PRE-AICE LATIN 2 Pre-AICE Latin Language 2	3/Y		1.0	LATIN @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0706390	AICE LATIN LIT AICE Latin Literature	3/Y		1.0	LATIN @4 6
0706800	LATIN 1-PRE IB Latin 1-Preinternational Baccalaureate	3/Y		1.0	LATIN @4 6
0706810	LATIN 2-PRE IB Latin 2-Preinternational Baccalaureate	3/Y		1.0	LATIN @4 6
0706820	LATIN 3-PRE IB Latin 3-Preinternational Baccalaureate	3/Y		1.0	LATIN @4 6
0706830	LATIN 4-B-IB Latin 4-Language B-International Baccalaureate	3/Y		1.0	LATIN @4 6
0706840	LATIN 5-B-IB Latin 5-Language B-International Baccalaureate	3/Y		1.0	LATIN @4 6
RUSSIAN					
0707300	RUSSIAN 1 Russian 1	2/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707310	RUSSIAN 2 Russian 2	2/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707320	RUSSIAN 3 Russian 3	3/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707330	RUSSIAN 4 Russian 4	3/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707340	ADV PL RUSSIAN Advanced Placement Russian	3/Y		1.0	RUSSIAN @4 6
0707800	RUSSIAN 1-PRE IB Russian 1-Preinternational Baccalaureate	3/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707810	RUSSIAN 2-PRE IB Russian 2-Preinternational Baccalaureate	3/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707820	RUSSIAN 3-PRE IB Russian 3-Preinternational Baccalaureate	3/Y		1.0	RUSSIAN @4 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN RUS
0707830	RUSSIAN 4-B-IB Russian 4-Language B-International Baccalaureate	3/Y		1.0	RUSSIAN @4 6



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- SPANISH -----					
0708340	SPANISH 1 Spanish 1	2/Y		1.0	SPANISH @4 6
0708350	SPANISH 2 Spanish 2	2/Y		1.0	SPANISH @4 6
0708360	SPANISH 3 Spanish 3	3/Y		1.0	SPANISH @4 6
0708370	SPANISH 4 Spanish 4	3/Y		1.0	SPANISH @4 6
0708380	SPANISH 5 Spanish 5	3/Y		1.0	SPANISH @4 6
0708390	SPANISH 6 Spanish 6	3/Y		1.0	SPANISH @4 6
0708400	ADV PL SPANISH Advanced Placement-Spanish Language	3/Y		1.0	SPANISH @4 6
0708410	ADV PL SPANISH LIT Advanced Placement-Spanish Literature	3/Y		1.0	SPANISH @4 6
0708530	AICE SPANISH AICE Spanish Language	3/Y		1.0	SPANISH @4 6
0708532	PRE-AICE SPANISH 1 Pre-AICE Spanish Language 1	3/Y		1.0	SPANISH @4 6
0708534	PRE-AICE SPANISH 2 Pre-AICE Spanish Language 2	3/Y		1.0	SPANISH @4 6
0708540	AICE SPANISH LIT AICE Spanish Literature	3/Y		1.0	SPANISH @4 6
0708800	SPANISH 1-PRE IB Spanish 1-Pre International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708810	SPANISH 2-PRE IB Spanish 2-Pre International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708820	SPANISH 3-PRE IB Spanish 3-Pre International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708830	SPANISH 4-B-IB Spanish 4-Language B-International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708840	SPANISH 5-B-IB Spanish 5-Language B-International Baccalaureate	3/Y		1.0	SPANISH @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0708850	SPANISH 4-A-IB Spanish 4-Language A-International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708860	SPANISH 5-A-IB Spanish 5-Language A-International Baccalaureate	3/Y		1.0	SPANISH @4 6
0708870	IB MYP SPANISH 1 HON International Baccalaureate Mid Yrs Prog Spanish 1 Honors	3/Y		1.0	SPANISH @4 6
0708880	IB MYP SPANISH 2 HON International Baccalaureate Mid Yrs Prog Spanish 2 Honors	3/Y		1.0	SPANISH @4 6
0708890	IB MYP SPANISH 3 HON International Baccalaureate Mid Yrs Prog Spanish 3 Honors	3/Y		1.0	SPANISH @4 6
SPANISH FOR SPANISH SPEAKERS -----					
0709300	SPANISH SPEAKS 1 Spanish for Spanish Speakers 1	2/Y		1.0	SPANISH @4 6
0709310	SPANISH SPEAKS 2 Spanish for Spanish Speakers 2	2/Y		1.0	SPANISH @4 6
0709320	SPANISH SPEAKS 3 Spanish for Spanish Speakers 3	3/Y		1.0	SPANISH @4 6
0709330	SPANISH SPEAKS 4 Spanish for Spanish Speakers 4	3/Y		1.0	SPANISH @4 6
0709340	SPANISH SPEAKS 5 Spanish for Spanish Speakers 5	3/Y		1.0	SPANISH @4 6
0709350	SPANISH SPEAKS 6 Spanish for Spanish Speakers 6	3/Y		1.0	SPANISH @4 6
ARABIC -----					
0710300	ARABIC 1 Arabic 1	2/Y		1.0	ARABIC 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ARABIC
0710310	ARABIC 2 Arabic 2	2/Y		1.0	ARABIC 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ARABIC
0710320	ARABIC 3 Arabic 3	3/Y		1.0	ARABIC 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ARABIC
0710330	ARABIC 4 Arabic 4	3/Y		1.0	ARABIC 6 ANY FIELD CERT REFL BACHELOR OR HIG/PROF IN ARABIC

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- CHI NESE -----					
0711300	CHI NESE 1 Chi nese 1	2/Y		1.0	CHI NESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N CHIN
0711310	CHI NESE 2 Chi nese 2	2/Y		1.0	CHI NESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N CHIN
0711320	CHI NESE 3 Chi nese 3	3/Y		1.0	CHI NESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N CHIN
0711330	CHI NESE 4 Chi nese 4	3/Y		1.0	CHI NESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N CHIN
0711335	CHI NESE 5 Chi nese 5	3/Y		1.0	CHI NESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N CHIN
0711340	ADV PL CHINESE Advanced Placement-Chi nese Language	3/Y		1.0	CHI NESE @4 6
0711800	PRE-IB MAND CHIN 1 Pre-Internati onal Baccal aureate Mandari n Chi nese 1	3/Y		1.0	CHI NESE @4 6
0711810	PRE-IB MAND CHIN 2 Pre-Internati onal Baccal aureate Mandari n Chi nese 2	3/Y		1.0	CHI NESE @4 6
0711820	IB MAND CHIN 4 Internati onal Baccal aureate Mandari n Chi nese 4	3/Y		1.0	CHI NESE @4 6
0711830	IB MAND CHIN 5 Internati onal Baccal aureate Mandari n Chi nese 5	3/Y		1.0	CHI NESE @4 6
----- JAPANESE -----					
0712300	JAPANESE 1 Japanese 1	2/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N JAP
0712310	JAPANESE 2 Japanese 2	2/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N JAP
0712320	JAPANESE 3 Japanese 3	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N JAP
0712330	JAPANESE 4 Japanese 4	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HI G/PROF I N JAP
0712340	ADV PL JAPANESE Advanced Placement-Japanese Language	3/Y		1.0	JAPANESE @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0712810	JAPANESE 1-PRE IB Japanese 1-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
0712820	JAPANESE 2-PRE IB Japanese 2-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
0712830	JAPANESE 3-PRE IB Japanese 3-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
0712840	JAPANESE 4-PRE IB Japanese 4-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
0712850	JAPANESE 5-PRE IB Japanese 5-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
0712860	JAPANESE 6-PRE IB Japanese 6-Pre international Baccalaureate	3/Y		1.0	JAPANESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN JAP
----- PORTUGUESE -----					
0713300	PORTUGUESE 1 Portuguese 1	2/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
0713310	PORTUGUESE 2 Portuguese 2	2/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
0713320	PORTUGUESE 3 Portuguese 3	3/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
0713330	PORTUGUESE 4 Portuguese 4	3/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
0713340	PORTUGUESE SPEAK 1 Portuguese for Portuguese Speakers 1	2/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
0713350	PORTUGUESE SPEAK 2 Portuguese for Portuguese Speakers 2	2/Y		1.0	PORTUGUESE @4 6 ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN PORTUG
----- TURKISH -----					
0716300	TURKISH 1 Turkish 1	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN TUR TURKISH 6
0716310	TURKISH 2 Turkish 2	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN TUR TURKISH 6
0716320	TURKISH 3 Turkish 3	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HIGH/PROF IN TUR TURKISH 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0716330	TURKISH 4 Turkish 4	2/Y		1.0	ANY FIELD CERT REFL BACHELOR OR HI G/PROF IN TUR TURKISH 6
----- WORLD (FOREIGN) LANGUAGE HUMANITIES FOR INTERNATIONAL STUDIES -----					
0714300	FL INTL STUDIES 1 Foreign Language Humanities for International Studies 1	2/Y		1.0	FRENCH @4 6 SPANISH @4 6 GERMAN @4 6 ITALIAN @4 6 ARABIC @4 6 CHINESE @4 6 JAPANESE @4 6 RUSSIAN @4 6
0714310	FL INTL STUDIES 2 Foreign Language Humanities for International Studies 2	2/Y		1.0	FRENCH @4 6 SPANISH @4 6 GERMAN @4 6 ITALIAN @4 6 ARABIC @4 6 CHINESE @4 6 JAPANESE @4 6 RUSSIAN @4 6
0714320	FL INTL STUDIES 3 Foreign Language Humanities for International Studies 3	3/Y		1.0	FRENCH @4 6 SPANISH @4 6 GERMAN @4 6 ITALIAN @4 6 ARABIC @4 6 CHINESE @4 6 JAPANESE @4 6 RUSSIAN @4 6
0714330	FL INTL STUDIES 4 Foreign Language Humanities for International Studies 4	3/Y		1.0	FRENCH @4 6 SPANISH @4 6 GERMAN @4 6 ITALIAN @4 6 ARABIC @4 6 CHINESE @4 6 JAPANESE @4 6 RUSSIAN @4 6
----- WORLD (FOREIGN) LANGUAGE COURSES FOR MAGNET PROGRAMS -----					
0715300	FL/LIT INTL STUDIES1 French Language and Literature for International Studies 1	2/Y		1.0	FRENCH @4 6
0715310	FL/LIT INTL STUDIES2 French Language and Literature for International Studies 2	2/Y		1.0	FRENCH @4 6
0715320	FL/LIT INTL STUDIES3 French Language and Literature for International Studies 3	3/Y		1.0	FRENCH @4 6
0715330	FL/LIT INTL STUDIES4 French Language and Literature for International Studies 4	3/Y		1.0	FRENCH @4 6
0715340	FL/LIT INTL STUDIES5 French Language and Literature for International Studies 5	3/Y		1.0	FRENCH @4 6
0715350	FL/LIT INTL STUDIES6 French Language and Literature for International Studies 6	3/Y		1.0	FRENCH @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0715360	FL/LIT INTL STUDIES7 French Language and Literature for International Studies 7	3/Y		1.0	FRENCH @4 6
0715370	FL/LIT INTL STUDIES8 French Language and Literature for International Studies 8	3/Y		1.0	FRENCH @4 6
0715400	GERMAN L/LIT INTL 1 German Language and Literature for International Studies 1	2/Y		1.0	GERMAN @4 6
0715410	GERMAN L/LIT INTL 2 German Language and Literature for International Studies 2	2/Y		1.0	GERMAN @4 6
0715420	GERMAN L/LIT INTL 3 German Language and Literature for International Studies 3	3/Y		1.0	GERMAN @4 6
0715430	GERMAN L/LIT INTL 4 German Language and Literature for International Studies 4	3/Y		1.0	GERMAN @4 6
0715440	GERMAN L/LIT INTL 5 German Language and Literature for International Studies 5	3/Y		1.0	GERMAN @4 6
0715450	GERMAN L/LIT INTL 6 German Language and Literature for International Studies 6	3/Y		1.0	GERMAN @4 6
0715460	GERMAN L/LIT INTL 7 German Language and Literature for International Studies 7	3/Y		1.0	GERMAN @4 6
0715470	GERMAN L/LIT INTL 8 German Language and Literature for International Studies 8	3/Y		1.0	GERMAN @4 6
0715500	SPANISH L/LIT INTL 1 Spanish Language and Literature for International Studies 1	2/Y		1.0	SPANISH @4 6
0715510	SPANISH L/LIT INTL 2 Spanish Language and Literature for International Studies 2	2/Y		1.0	SPANISH @4 6
0715520	SPANISH L/LIT INTL 3 Spanish Language and Literature for International Studies 3	3/Y		1.0	SPANISH @4 6
0715530	SPANISH L/LIT INTL 4 Spanish Language and Literature for International Studies 4	3/Y		1.0	SPANISH @4 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0715540	SPANISH L/LIT INTL 5 Spanish Language and Literature for International Studies 5	3/Y		1.0	SPANISH @4 6
0715550	SPANISH L/LIT INTL 6 Spanish Language and Literature for International Studies 6	3/Y		1.0	SPANISH @4 6
0715560	SPANISH L/LIT INTL 7 Spanish Language and Literature for International Studies 7	3/Y		1.0	SPANISH @4 6
0715570	SPANISH L/LIT INTL 8 Spanish Language and Literature for International Studies 8	3/Y		1.0	SPANISH @4 6
0715580	ITALIAN L/LIT INTL 1 Italian Language & Literature for International Studies 1	3/Y		1.0	ITALIAN @4 6
0715590	ITALIAN L/LIT INTL 2 Italian Language & Literature for International Studies 2	3/Y		1.0	ITALIAN @4 6
0715600	ITALIAN L/LIT INTL 3 Italian Language & Literature for International Studies 3	3/Y		1.0	ITALIAN @4 6
0715610	ITALIAN L/LIT INTL 4 Italian Language & Literature for International Studies 4	3/Y		1.0	ITALIAN @4 6
0715620	ITALIAN L/LIT INTL 5 Italian Language & Literature for International Studies 5	3/Y		1.0	ITALIAN @4 6
0715630	ITALIAN L/LIT INTL 6 Italian Language & Literature for International Studies 6	3/Y		1.0	ITALIAN @4 6
0715640	ITALIAN L/LIT INTL 7 Italian Language & Literature for International Studies 7	3/Y		1.0	ITALIAN @4 6
0715650	ITALIAN L/LIT INTL 8 Italian Language & Literature for International Studies 8	3/Y		1.0	ITALIAN @4 6
0717300	AMER SIGN LANG 1 American Sign Language 1	2/Y		1.0	ANY ACADEMIC COVERAGE / AM SIGN LANG/E
0717310	AMER SIGN LANG 2 American Sign Language 2	2/Y		1.0	ANY ACADEMIC COVERAGE / AM SIGN LANG/E
0717312	AMER SIGN LANG 3 American Sign Language 3	3/Y		1.0	ANY ACADEMIC COVERAGE / AM SIGN LANG/E
0717314	AMER SIGN LANG 4 American Sign Language 4	3/Y		1.0	ANY ACADEMIC COVERAGE / AM SIGN LANG/E

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0700980	FL TRAN 1 Foreign Language Transfer 1	/Z			NA
0700990	FL TRAN 2 Foreign Language Transfer 2-Second Year Same Language	/Z			NA
----- TRANSFER AND BRIGHT FUTURES WAIVER -----					
0701980	FL TRAN 3 Foreign Language Transfer 3-Third Year Same Language	/Z			NA
0701990	FL TRAN 4 Foreign Language Transfer 4-Fourth Year Same Language	/Z			NA
0702980	FL TRAN 5 Foreign Language Transfer 5-First Year Additional Language	/Z			NA
0702990	FL TRAN 6 Foreign Language Transfer 6-Second Year Additional Language	/Z			NA
0703980	FL TRAN 7 Foreign Language Transfer 7-Third Year Additional Language	/Z			NA
0703990	FL TRAN 8 Foreign Language Transfer 8-Fourth Year Additional Language	/Z			NA
0791920	FL WAIVER Foreign Language Waiver (Local Documentation Required)	/Z			

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HEALTH

0800300	HEALTH1-LIF MGMT SKL Health 1-Life Management Skills	2/S	LM	0.5	HEALTH ED @4 HEALTH 6	VOC HME EC @4 FAM CON SC 1
0800310	HEALTH 2-PER HEALTH Health 2-Personal Health	2/S		0.5	HEALTH ED @4	HEALTH 6
0800320	FIRST AID SAFETY First Aid and Safety	2/S		0.5	CERT CPR INSTRUCTOR BY HEART ASSOC OR RED CROSS	



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
0800330	PERSON SOC FAM RLSH Personal, Social, and Family Relationships	2/S		0.5	HEALTH ED @4 PSYCHOLOGY @1 GUID COUN D HEALTH 6
0800340	COMMU ENV HEALTH Community and Environmental Health	2/S		0.5	HEALTH ED @4 HEALTH 6
0800350	ADOL HEALTH PROBL Adolescent Health Problems	2/S		0.5	HEALTH ED @4 HEALTH 6
0800360	ADV HEALTH EXPLOS Advanced Health Explorations	3/S		0.5	HEALTH ED @4 HEALTH 6
0800370	PARENTING 1 Parenting 1	2/S		0.5	HEALTH ED @4 HEALTH 6 VOC HME EC @4 FAM CON SC 1
0800380	PARENTING 2 Parenting 2	2/S		0.5	HEALTH ED @4 HEALTH 6 VOC HME EC @4 FAM CON SC 1
0800390	HEALTH EXPER PARENTS Health for Expectant Parents	2/S		0.5	HEALTH ED @4 HEALTH 6 VOC HME EC @4 FAM CON SC 1
0800395	HEALTH LFE WKPLCE Health for Life in the Workplace	2/S		0.5	HEALTH ED @4 HEALTH 6 HEALTH 6
0800400	ROTC LIF MGMT WAIVER ROTC Life Management Skills Waiver	/Z			
0800990	HEALTH TRAN Health Transfer	/Z			NA

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HUMANITIES

HUMANITIES

<sup>a</sup> 0900300	HUM SURV Humanities Survey	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ART 1 ART ED @4 MUSIC ED @4 ENGLISH 1 DRAMA 1 MUSIC 6
<sup>a</sup> 0900310	HUM 1 Humanities 1 (to 1500)	3/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ART 1 ART ED @4 MUSIC ED @4 ENGLISH 1 DRAMA 1 MUSIC 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 0900320	HUM 2 Humanities 2 (since 1500)	3/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ART 1 ART ED @4 MUSIC ED @4 ENGLISH 1 DRAMA 1 MUSIC 6
<sup>a</sup> 0900330	ISS HUM Issues in Humanities	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ART 1 ART ED @4 MUSIC ED @4 ENGLISH 1 DRAMA 1 MUSIC 6
0900350	IB MYP HUMANIT HON International Baccalaureate Mid Yrs Prog Humanities Honors	3/Y		1.0	HUMANITIES 6
<sup>a</sup> 0900400	INTROD TO BIBLE 1 Introduction to the Bible 1	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ENGLISH 1
<sup>a</sup> 0900410	INTROD TO BIBLE 2 Introduction to the Bible 2	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ENGLISH 1
0900500	AICE CL STDS 1 AICE Classical Studies 1	3/Y		1.0	HUMANITIES 6 ART 6 ART ED @4 6 SOCIAL SCI 1 ENGLISH 1 ART 1 DRAMA 1 MUSIC 6 MUSIC ED @4
0900505	AICE CL STDS 2 AICE Classical Studies 2	3/Y		1.0	HUMANITIES 6 ENGLISH 1 ART 1 DRAMA 1 ART ED @4 MUSIC 6 MUSIC ED @4
0900510	PRE-AICE REL STDS Pre-AICE Religious Studies	3/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ENGLISH 1
0900800	THEORY/KNWLG IB Theory of Knowledge-International Baccalaureate	3/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- UNI F I E D A R T S -----					
<sup>a</sup> 0901300	UNI F I E D A R T S 1 Uni fi ed Arts 1	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ENGLISH 1 ART 1 DRAMA 1 ART ED @4 MUSIC 6 MUSIC ED @4
<sup>a</sup> 0901310	UNI F I E D A R T S 2 Uni fi ed Arts 2	2/Y		1.0	HUMANITIES 6 ANY ACADEMIC COVERAGE SOCIAL SCI 1 ENGLISH 1 ART 1 DRAMA 1 ART ED @4 MUSIC 6 MUSIC ED @4
0900990	HUM TRAN Humani ti es Transfer	/Z			NA

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LANGUAGE ARTS

REME DI AL  
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*1000400	INTENS LANG ARTS Intensi ve Language Arts	/M		MULTIPLE READING 6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1000410	INTENS READ Intensi ve Readi ng	/M		MULTIPLE READING 6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1000420	INTENS WRI T Intensi ve Wri ti ng	/M		MULTIPLE ENGLISH 1	

ENGLI SH  
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*1001300	ENG SKLS 1 Engli sh Ski lls 1	1/Y			ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
*1001310	ENG 1 Engli sh 1	2/Y	EN	1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
*1001320	ENG HON 1 Engli sh Honors 1	3/Y	EN	1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
*1001330	ENG SKLS 2 Engli sh Ski lls 2	1/Y			ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
*1001340	ENG 2 English 2	2/Y	EN	1.0	ENGLISH 1
*1001350	ENG HON 2 English Honors 2	3/Y	EN	1.0	ENGLISH 1
*1001360	ENG SKLS 3 English Skills 3	1/Y			ENGLISH 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
*1001370	ENG 3 English 3	2/Y	EN	1.0	ENGLISH 1
*1001380	ENG HON 3 English Honors 3	3/Y	EN	1.0	ENGLISH 1
*1001390	ENG SKLS 4 English Skills 4	1/Y			ENGLISH 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
*1001400	ENG 4 English 4	2/Y	EN	1.0	ENGLISH 1
*1001405	ENG 4: FL COLL PREP English 4: Florida College Prep	2/Y	EN	1.0	ENGLISH 1
*1001410	ENG HON 4 English Honors 4	3/Y	EN	1.0	ENGLISH 1
1001420	ADV PL ENG COMPO Advanced Placement English Language and Composition	3/Y	EN	1.0	ENGLISH 1
1001430	ADV PL ENG LIT COMPO Advanced Placement English Literature and Composition	3/Y	EN	1.0	ENGLISH 1
1001440	BUSINESS ENG 1 Business English 1	2/Y	EN	1.0	BUS ED 1 ENGLISH 1
1001450	BUSINESS ENG 2 Business English 2	2/Y	EN	1.0	BUS ED 1 ENGLISH 1
1001460	APPL COMMS 1 Applied Communications 1	2/Y	EN	1.0	ENGLISH 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
1001470	APPL COMMS 2 Applied Communications 2	2/Y	EN	1.0	ENGLISH 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
1001480	ADV COMMS MTH Advanced Communications Methodology	3/Y		1.0	ENGLISH 1
1001550	AICE ENG LANG AICE English Language	3/Y	EN	1.0	ENGLISH 1
*1001560	PRE-AICE ENG LANG Pre-AICE English Language	3/Y	EN	1.0	ENGLISH 1
*1001800	ENG 1-PRE IB English 1-Preinternational Baccal aureate	3/Y	EN	1.0	ENGLISH 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
*1001810	ENG 2-PRE IB English 2-Pre International Baccal aureate	3/Y	EN	1.0	ENGLISH 1
1001820	ENG 3-IB English 3-International Baccal aureate	3/Y	EN	1.0	ENGLISH 1
1001830	ENG 4-IB English 4-International Baccal aureate	3/Y	EN	1.0	ENGLISH 1
*1001840	IB MYP ENG 1 HON International Baccal aureate Mid Yrs Prog English 1 Honors	3/Y	EN	1.0	MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) ENGLISH 1
*1001845	IB MYP ENG 2 HON International Baccal aureate Mid Yrs Prog English 2 Honors	3/Y	EN	1.0	MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) ENGLISH 1
*1002300	ENG 1 THROUGH ESOL English 1 Through ESOL	2/Y	EN	1.0	ESOL 6 MG ENG C/ESOL E ENGLISH 1/ESOL E PORTUGUESE 6 FOREIGN LANGUAGE/ESOL E
*1002310	ENG 2 THROUGH ESOL English 2 Through ESOL	2/Y	EN	1.0	ESOL 6 ENGLISH 1/ESOL E FOREIGN LANGUAGE/ESOL E
*1002320	ENG 3 THROUGH ESOL English 3 Through ESOL	2/Y	EN	1.0	ESOL 6 ENGLISH 1/ESOL E FOREIGN LANGUAGE/ESOL E
*1002520	ENG 4 THROUGH ESOL English 4 Through ESOL	2/Y	EN	1.0	ESOL 6 ENGLISH 1/ESOL E FOREIGN LANGUAGE/ESOL E
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES					
*1002380	DEV LANG ARTS ESOL Developmental Language Arts Through ESOL (MC)	2/M		MULTIPLE	ESOL 6 ENGLISH 1/ESOL E FOREIGN LANGUAGE/ESOL E
*1002381	DEV LANG ARTS ESOL-R Developmental Language Arts ESOL (Reading)	2/M		MULTIPLE	ESOL 6/READING E ENGLISH 1/ESOL E/READING E READING 6/ESOL E

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
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LANGUAGE AND LOGIC

1004300	SEMANTICS-LOGIC Semantics and Logic	3/S		0.5	ENGLISH 1
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LITERATURE

1005300	WORLD LIT World Literature	2/Y	EN	1.0	ENGLISH 1
1005310	AMER LIT American Literature	2/Y	EN	1.0	ENGLISH 1
1005320	BRIT LIT British Literature	2/Y	EN	1.0	ENGLISH 1
1005330	CONTEMP LIT Contemporary Literature	2/S	EN	0.5	ENGLISH 1
1005340	CL LIT Classical Literature	2/S	EN	0.5	ENGLISH 1
1005350	LIT & THE ARTS 1 Literature and the Arts 1	3/S		0.5	ENGLISH 1
1005360	LIT & THE ARTS 2 Literature and the Arts 2	3/S		0.5	ENGLISH 1
1005365	LIT IN MEDIA Literature in the Media	3/Y		1.0	ENGLISH 1
1005370	AICE ENG LIT 1 AICE English Literature 1	3/Y	EN	1.0	ENGLISH 1
1005375	AICE ENG LIT 2 AICE English Literature 2	3/Y	EN	1.0	ENGLISH 1
1005380	PRE-AICE ENG LIT Pre-AICE English Literature	3/Y	EN	1.0	ENGLISH 1
1020810	AMER LIT HON American Literature Honors	3/Y	EN	1.0	ENGLISH 1
1020820	BRIT LIT HON British Literature Honors	3/Y	EN	1.0	ENGLISH 1
1020830	CLASS LIT HON Classical Literature Honors	3/Y	EN	1.0	ENGLISH 1
1020840	CONTEMP LIT HON Contemporary Literature Honors	3/Y	EN	1.0	ENGLISH 1
1020850	WORLD LIT HON World Literature Honors	3/Y	EN	1.0	ENGLISH 1
1020860	GREAT BOOKS Great Books	3/Y	EN	1.0	ENGLISH 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- MEDI A -----					
1006300	JOURN 1 Journal i sm 1	2/Y	PA	1.0	ENGLISH 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006310	JOURN 2 Journal i sm 2	2/Y		1.0	ENGLISH 1 MG ENG C JOURNALISM 1
1006320	JOURN 3 Journal i sm 3	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006330	JOURN 4 Journal i sm 4	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006331	JOURN 5 Journal i sm 5	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006332	JOURN 6 Journal i sm 6	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006333	JOURN 7 Journal i sm 7	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006334	JOURN 8 Journal i sm 8	3/Y		1.0	ENGLISH 1 MG ENG C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) JOURNALISM 1
1006340	MASS MEDI A 1 Mass Medi a 1	2/Y		1.0	ENGLISH 1 SPEECH 1 JOURNALISM 1
1006350	MASS MEDI A 2 Mass Medi a 2	2/Y		1.0	ENGLISH 1 SPEECH 1 JOURNALISM 1
1006360	MASS MEDI A 3 Mass Medi a 3	3/Y		1.0	ENGLISH 1 SPEECH 1 JOURNALISM 1
1006370	MASS MEDI A 4 Mass Medi a 4	3/Y		1.0	ENGLISH 1 SPEECH 1 JOURNALISM 1

ORAL COMMUNICATI ON

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1007300	SPEECH 1 Speech 1	2/Y	PF	1.0	ENGLISH 1 SPEECH 1
1007310	SPEECH 2 Speech 2	2/Y	PF	1.0	ENGLISH 1 SPEECH 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
<sup>a</sup> 1007320	SPEECH 3 Speech 3	2/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007325	IB MYP SPEECH HON International Baccalaureate Mid Yrs Prog Speech Honors	3/Y	PF	1.0	SPEECH MG ENG MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	1	ENGLISH 1
1007330	DEBATE 1 Debate 1	2/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007340	DEBATE 2 Debate 2	2/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007350	DEBATE 3 Debate 3	3/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007360	DEBATE 4 Debate 4	3/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007370	DEBATE 5 Debate 5	3/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007380	DEBATE 6 Debate 6	3/Y	PF	1.0	ENGLISH	1	SPEECH 1
1007390	DEBATE 7 Debate 7	3/Y	PF	1.0	ENGLISH	1	SPEECH 1
<sup>a</sup> 1007400	DEBATE 8 Debate 8	3/Y	PF	1.0	ENGLISH	1	SPEECH 1

READING

*1008300	READ 1 Reading 1	1/Y			READING	6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1008310	READ 2 Reading 2	1/Y			READING	6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1008320	ADV READ Advanced Reading	3/S		0.5	READING	6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1008330	READ 3 Reading 3	2/Y		1.0	READING	6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH
*1008350	READ COLL. SUCCESS Reading for College Success	2/S		0.5	READING	6	READING E/ANY FLD WHEN CERT REFLECTS BACHLR OR HGH

WRITING

1009300	WRIT 1 Writing 1 (Limited of 1 credit for English Subject Area Grad Req)	2/S	EN	0.5	ENGLISH	1	
1009310	WRIT 2 Writing 2	2/S	EN	0.5	ENGLISH	1	



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
1009320	CREATIVE WRIT 1 Creative Writing 1	2/S		0.5	ENGLISH	1	
1009330	CREATIVE WRIT 2 Creative Writing 2	2/S		0.5	ENGLISH	1	
1009331	CREATIVE WRIT 3 Creative Writing 3	3/Y		1.0	ENGLISH	1	
1009332	CREATIVE WRIT 4 Creative Writing 4	3/Y		1.0	ENGLISH	1	
1009333	CREATIVE WRIT 5 Creative Writing 5	3/Y		1.0	ENGLISH	1	
<sup>a</sup> 1009340	SCREENPLAY WRIT Screenplay Writing	2/Y		1.0	ENGLISH	1	DRAMA 1
1009350	PLAY WRIT Play Writing	2/Y		1.0	ENGLISH	1	DRAMA 1
1009360	AICE GEN PAP AICE General Paper	3/Y	EN	1.0	ENGLISH	1	
1009370	WRITNG COLL. SUCCESS Writing for College Success	2/S		0.5	ENGLISH	1	

MANUAL COMMUNICATIONS

1010300	SIGN LANG 1 Sign Language 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER		
1010310	SIGN LANG 2 Sign Language 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER		
1010320	SIGN LANG 3 Sign Language 3	3/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER		
1010360	BRAILLE READ WRIT Braille Reading and Writing	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER		
1000990	LANG ARTS TRAN Language Arts Transfer	/Z			NA		

LIBRARY MEDIA

<sup>a</sup> 1100300	TV PROD 1 Television Production 1	2/Y		1.0	MEDIA SPEC D	ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION	
<sup>a</sup> 1100310	TV PROD 2 Television Production 2	2/Y		1.0	MEDIA SPEC D	ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION	
<sup>a</sup> 1100320	TV PROD 3 Television Production 3	2/Y		1.0	MEDIA SPEC D	ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION	

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 1100330	TV PROD 4 Television Production 4	3/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
<sup>a</sup> 1100331	TV PROD 5 Television Production 5	3/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
<sup>a</sup> 1100332	TV PROD 6 Television Production 6	3/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
<sup>a</sup> 1100333	TV PROD 7 Television Production 7	3/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
<sup>a</sup> 1100334	TV PROD 8 Television Production 8	3/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
1100350	ADV TV PROD Advanced Television Production	2/Y		1.0	MEDIA SPEC D ANY ACADEMIC COVERAGE/PROFICIENCY IN TV PRODUCTION
<sup>a</sup> 1100340	MULTIMED PROD Multimedia Production	2/Y		1.0	SPEECH 1 ENGLISH 1 MG ENG C MEDIA SPEC D
<sup>a</sup> 1100360	INTROD RADIO Introduction to Radio Broadcasting	2/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100370	RADIO BROAD 1 Radio Broadcasting 1	2/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100380	RADIO BROAD 2 Radio Broadcasting 2	2/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100390	RADIO BROAD 3 Radio Broadcasting 3	3/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100400	RADIO BROAD 4 Radio Broadcasting 4	3/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100410	RADIO BROAD 5 Radio Broadcasting 5	3/Y		1.0	SPEECH 1 MEDIA SPEC D ENGLISH 1 MG ENG C
<sup>a</sup> 1100420	DIG VID PROD 1 Digital Video Production 1	2/Y		1.0	SPEECH 1 ENGLISH 1 DRAMA 1 JOURNALISM 1 MEDIA SUPR D
<sup>a</sup> 1100430	DIG VID PROD 2 Digital Video Production 2	2/Y		1.0	SPEECH 1 ENGLISH 1 DRAMA 1 JOURNALISM 1 MEDIA SUPR D
<sup>a</sup> 1100440	DIG VID PROD 3 Digital Video Production 3	3/Y		1.0	SPEECH 1 ENGLISH 1 DRAMA 1 JOURNALISM 1 MEDIA SUPR D
<sup>a</sup> 1100450	DIG VID PROD 4 Digital Video Production 4	3/Y		1.0	SPEECH 1 ENGLISH 1 DRAMA 1 JOURNALISM 1 MEDIA SUPR D
1100990	LIB/MED TRAN Library/Media Transfer	/Z			NA

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
-----   MATHEMATICS   -----						
REMEDIAL -----						
*1200400	INTENS MATH Intensive Mathematics	/M		MULTIPLE MATH	1	MG MATH C
ALGEBRA -----						
1200300	PRE ALG BASIC MATH SKLS Pre-Algebra Basic Mathematics Skills	1/Y	MA	MATH	1	MG MATH C
*1200310	ALG 1 Algebra 1	2/Y	A1	1.0 MATH	1	MG MATH C
*1200320	ALG 1 HON Algebra 1 Honors	3/Y	A1	1.0 MATH	1	MG MATH C
*1200330	ALG 2 Algebra 2	2/Y	A2	1.0 MATH	1	
*1200340	ALG 2 HON Algebra 2 Honors	3/Y	A2	1.0 MATH	1	
*1200370	ALG 1-A Algebra 1-A	2/Y	MA	1.0 MATH	1	MG MATH C
*1200380	ALG 1-B Algebra 1-B	2/Y	A1	1.0 MATH	1	MG MATH C
*1200390	IB MYP ALG 1 HON International Baccalaureate Mid Yrs Prog Algebra 1 Honors	3/Y	A1	1.0 MG MATH	C	MATH 1
*1200395	IB MYP ALG 2 HON International Baccalaureate Mid Yrs Prog Algebra 2 Honors	3/Y	A2	1.0 MG MATH	C	MATH 1
*1200410	Math Coll. Success Math for College Success	2/S		0.5 MATH	1	
1200500	ADV ALG W/FIN APP Advanced Algebra with Financial Applications	2/Y	MA	1.0 MATH	1	
1200700	Math Coll. Readiness Math for College Readiness	2/Y	MA	1.0 MATH	1	
*1209810	PRE-AICE MATH 1 Pre-AICE Mathematics 1	3/Y	A1	1.0 MATH	1	

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- MATHEMATICAL ANALYSIS -----					
1201300	MATH ANALYSIS Mathematical Analysis	3/Y	MA	1.0	MATH 1
1201310	ANALYSIS OF FUNC Analysis of Functions	3/Y	MA	1.0	MATH 1
1201320	IB MATH ANALYSIS International Baccalaureate Math Analysis	3/Y	MA	1.0	MATH 1
----- CALCULUS -----					
1202300	CALCULUS Calculus	3/Y	MA	1.0	MATH 1
1202310	ADV PL CALCULUS AB Advanced Placement Calculus AB	3/Y	MA	1.0	MATH 1
1202320	ADV PL CALCULUS BC Advanced Placement Calculus BC	3/Y	MA	1.0	MATH 1
1202340	PRE-CALCULUS Pre-Calculus	3/Y	MA	1.0	MATH 1
1202352	AICE MATH 1 AICE Mathematics 1	3/Y	MA	1.0	MATH 1
1202354	AICE MATH & MECH 1 AICE Mathematics & Mechanics 1	3/Y	MA	1.0	MATH 1
1202356	AICE MATH & MECH 2 AICE Mathematics & Mechanics 2	3/Y	MA	1.0	MATH 1
1202362	AICE MATH&PROB&STAT1 AICE Mathematics & Probability & Statistic 1	3/Y	MA	1.0	MATH 1
1202364	AICE MA&PROB&STAT 2 AICE Mathematics & Probability & Statistic 2	3/Y	MA	1.0	MATH 1
1202366	AICE MA&ME&PR&STA 2 AICE Mathematics & Mechanics & Probability & Statistics 2	3/Y	MA	1.0	MATH 1
1202370	AICE FURTHER MATH AICE Further Mathematics	3/Y	MA	1.0	MATH 1
1202371	PRE-AICE ADD MTH 3 Pre-AICE Additional Mathematics 3	3/Y	MA	1.0	MATH 1
1202375	IB PRE-CALCULUS International Baccalaureate Pre- Calculus	3/Y	MA	1.0	MATH 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
1202800	CALCULUS-IB Cal cul us-Internati onal Baccal aureate	3/Y	MA	1.0	MATH	1	
1202810	IB CALCULUS/DESC STA Internati onal Baccal aureate Cal cul us and Descri pti ve Stati sti cs	3/Y	MA	1.0	MATH	1	
1202820	IB FURTHER MATH Internati onal Baccal aureate Further Mathemati cs	3/Y	MA	1.0	MATH	1	
1202830	IB ADV CALCULUS Internati onal Baccal aureate Advanced Cal cul us	3/Y	MA	1.0	MATH	1	
DIFFERENTIAL EQUATIONS							
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1205400	APPLIED MATH 1 Appl ied Mathemati cs 1	2/Y	MA	1.0	MATH	1	MG MATH C
APPLIED MATHEMATICS							
-----							
1205410	APPLIED MATH 2 Appl ied Mathemati cs 2	2/Y	MA	1.0	MATH	1	MG MATH C
1205420	APPLIED MATH 3 Appl ied Mathemati cs 3	2/Y	MA	1.0	MATH	1	MG MATH C
GENERAL MATHEMATICS							
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1205370	CONSUMER MATH Consumer Mathemati cs	1/Y	MA		MATH	1	MG MATH C
1205500	EXPLORS IN MATH 1 Expl orati ons in Mathemati cs 1	1/Y	MA		MATH	1	MG MATH C
1205510	EXPLORS IN MATH 2 Expl orati ons in Mathemati cs 2	1/Y	MA		MATH	1	MG MATH C
1205540	BUSI NESS MATH Busi ness Mathemati cs	1/Y	MA		MATH BUS ED	1 1	BOOKKEEPIN @4 VOE @7
GEOMETRY							
-----							
1206300	INF GEO Infor mal Geometry	2/Y	MA	1.0	MATH	1	MG MATH C
*1206310	GEO Geometry	2/Y	GE	1.0	MATH	1	MG MATH C

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION			
*1206320	GEO HON Geometry Honors	3/Y	GE	1.0	MATH	1	MG MATH	C
1206330	ANLY GEO Analytic Geometry	3/S	MA	0.5	MATH	1		
1206800	ANLY GEO-IB Analytic Geometry-International Baccalaureate	3/S	MA	0.5	MATH	1		
*1206810	IB MYP GEOM HON International Baccalaureate Mid Yrs Prog Geometry Honors	3/Y	GE	1.0	MG MATH	C	MATH	1
*1209820	PRE-AICE MATH 2 Pre-AICE Mathematics 2	3/Y	GE	1.0	MATH	1		
----- I N T E G R A T E D M A T H E M A T I C S -----								
1207310	INTEG MATH 1 Integrated Mathematics 1	2/Y	MA	1.0	MATH	1	MG MATH	C
1207320	INTEG MATH 2 Integrated Mathematics 2	2/Y	MA	1.0	MATH	1	MG MATH	C
1207330	INTEG MATH 3 Integrated Mathematics 3	2/Y	MA	1.0	MATH	1		
----- L I B E R A L A R T S M A T H E M A T I C S -----								
1208300	LIB ARTS MATH Liberal Arts Mathematics	2/Y	MA	1.0	MATH	1		
1298310	ADV TOPICS IN MATH Advanced Topics in Mathematics (formerly 129830A)	2/Y	MA	1.0	MATH	1		
----- M A T H E M A T I C A L S T U D I E S -----								
1209800	MATH STUDIES-IB Mathematics Studies-International Baccalaureate	3/Y	MA	1.0	MATH	1		
1209830	IB MATH HIGHER LEVEL International Baccalaureate Mathematics Higher Level	3/Y	MA	1.0	MATH	1		

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
----- PROBABILITY AND STATISTICS -----						
1210300	PROB, STAT W/APPLS Probability & Statistics with Applications	3/Y	MA	1.0	MATH	1
1210310	IB STAT/INT DIFF CAL IB Statistics and Introductory Differential Calculus	3/Y	MA	1.0	MATH	1
1210320	ADV PL STAT Advanced Placement Statistics	3/Y	MA	1.0	MATH	1
1210330	AICE MATH STAT AICE Mathematics Statistics	3/S	MA	0.5	MATH	1
----- TRIGONOMETRY -----						
1211300	TRIGO Trigonometry	3/S	MA	0.5	MATH	1
1211800	TRIGO-IB Trigonometry-International Baccalaureate	3/S	MA	0.5	MATH	1
----- DISCRETE MATHEMATICS -----						
1220910	DISCRETE MATH Discrete Mathematics	3/Y	MA	1.0	MATH	1
1200990	MATH TRAN Mathematics Transfer	/Z			NA	

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MUSIC

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ELEMENTS OF MUSIC  
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1300300	MUS THEORY 1 Music Theory 1	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS @4 @6
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GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- ADVANCED MUSIC -----					
1300310	MUS THEORY 2 Music Theory 2	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 MUSIC 6 INSTR MUS @4 @6
1300320	MUS THEORY 3 Music Theory 3	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 MUSIC 6 INSTR MUS @4 @6
1300330	ADV PL MUS THEORY AP MUS THEORY Advanced Placement Music Theory	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1300390	AMER MUS THEA 1 American Musical Theater 1	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ENGLISH 1 ART ED @4
<sup>a</sup> 1300391	AMER MUS THEA 2 American Musical Theater 2	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ENGLISH 1 ART ED @4
1300395	AICE MUSIC 1 AICE Music 1	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 MUSIC 6 INSTR MUS @4 @6
<sup>a</sup> 1300400	MUS THEA 1 Musical Theater 1	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ART ED @4
<sup>a</sup> 1300410	MUS THEA 2 Musical Theater 2	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ART ED @4
<sup>a</sup> 1300420	MUS THEA 3 Musical Theater 3	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ART ED @4
<sup>a</sup> 1300422	MUS THEA 4 Musical Theater 4	2/Y	PF	1.0	MUSIC ED @4 DANCE 6 INSTR MUS @4 @6 MUSIC 6 ART ED @4
1300430	PRE-AICE MUS Pre-AICE Music	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 MUSIC 6 INSTR MUS @4 @6



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
1300800	MUS 1-PRE IB Music 1-Preinternational Baccalaureate	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1300810	MUS 2-PRE-IB Music 2-Preinternational Baccalaureate	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1300820	MUS 3-IB Music 3-International Baccalaureate	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1300830	MUS 4-IB Music 4-International Baccalaureate	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1300840	IB MYP MUSIC 1 HON International Baccalaureate Mid Yrs Prog Music 1 Honors	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC VOC MUS 6 @4 @6
1300850	IB MYP MUSIC 2 HON International Baccalaureate Mid Yrs Prog Music 2 Honors	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC VOC MUS 6 @4 @6

GENERAL MUSIC

<sup>a</sup> 1301300	INTROD TO MUS PERF Introduction to Music Performance	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
<sup>a</sup> 1301310	MUS APPREC Music Appreciation	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301320	GUITAR 1 Guitar 1	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301330	GUITAR 2 Guitar 2	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301340	GUITAR 3 Guitar 3	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301350	GUITAR 4 Guitar 4	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301360	KEYBD 1 Keyboard 1	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301370	KEYBD 2 Keyboard 2	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301380	KEYBD 3 Keyboard 3	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
1301390	KEYBD 4 Keyboard 4	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6
<sup>a</sup> 1301400	SOUND ENGR REINF 1 Sound Engineering and Sound Reinforcement 1	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS 6 @4 @6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
<sup>a</sup> 1301410	SOUND ENGR/REINF 2 Sound Engineering and Sound Reinforcement 2	2/Y	PA	1.0	MUSIC ED @4 VOC MUS @6	MUSIC INSTR MUS @4 @6
----- INSTRUMENTAL MUSIC -----						
1302300	BAND 1 Band 1	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302310	BAND 2 Band 2	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302320	BAND 3 Band 3	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302330	BAND 4 Band 4	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302340	BAND 5 Band 5	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302350	BAND 6 Band 6	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302360	ORCH 1 Orchestra 1	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302370	ORCH 2 Orchestra 2	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302380	ORCH 3 Orchestra 3	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302390	ORCH 4 Orchestra 4	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302400	ORCH 5 Orchestra 5	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302410	ORCH 6 Orchestra 6	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302420	INSTRU TECNQS 1 Instrumental Techniques 1	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302430	INSTRU TECNQS 2 Instrumental Techniques 2	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302440	INSTRU TECNQS 3 Instrumental Techniques 3	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302450	INSTRU TECNQS 4 Instrumental Techniques 4	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302460	INSTRU ENS 1 Instrumental Ensemble 1	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302470	INSTRU ENS 2 Instrumental Ensemble 2	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
<sup>a</sup> 1302480	INSTRU ENS 3 Instrumental Ensemble 3	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
<sup>a</sup> 1302490	INSTRU ENS 4 Instrumental Ensemble 4	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302500	JAZZ ENS 1 Jazz Ensemble 1	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302510	JAZZ ENS 2 Jazz Ensemble 2	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302520	JAZZ ENS 3 Jazz Ensemble 3	2/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
1302530	JAZZ ENS 4 Jazz Ensemble 4	3/Y	PF	1.0	MUSIC ED @4 INSTR MUS @4 @6	MUSIC 6
----- CHORAL MUSIC -----						
1303300	CHORUS 1 Chorus 1	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303310	CHORUS 2 Chorus 2	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303320	CHORUS 3 Chorus 3	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303330	CHORUS 4 Chorus 4	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303340	CHORUS 5 Chorus 5	3/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303350	CHORUS 6 Chorus 6	3/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303360	CHORUS H/L 1 Chorus High/Low Range 1	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303370	CHORUS H/L 2 Chorus High/Low Range 2	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303380	CHORUS H/L 3 Chorus High/Low Range 3	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
1303390	CHORUS H/L 4 Chorus High/Low Range 4	3/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
<sup>a</sup> 1303400	VOCAL TECNQS 1 Vocal Techniques 1	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
<sup>a</sup> 1303410	VOCAL TECNQS 2 Vocal Techniques 2	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
<sup>a</sup> 1303420	VOCAL TECNQS 3 Vocal Techniques 3	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6
<sup>a</sup> 1303430	VOCAL TECNQS 4 Vocal Techniques 4	3/Y	PF	1.0	MUSIC ED @4 MUSIC 6	VOC MUS @6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
<sup>a</sup> 1303440	VOCAL ENS 1 Vocal Ensemble 1	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6 VOC MUS @6
<sup>a</sup> 1303450	VOCAL ENS 2 Vocal Ensemble 2	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6 VOC MUS @6
<sup>a</sup> 1303460	VOCAL ENS 3 Vocal Ensemble 3	2/Y	PF	1.0	MUSIC ED @4 MUSIC 6 VOC MUS @6
<sup>a</sup> 1303470	VOCAL ENS 4 Vocal Ensemble 4	3/Y	PF	1.0	MUSIC ED @4 MUSIC 6 VOC MUS @6
ELECTRONIC MUSIC					
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1304300	ELECT MUS 1 Electronic Music 1	2/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 INSTR MUS @4 @6 MUSIC 6
1304310	ELECT MUS 2 Electronic Music 2	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 INSTR MUS @4 @6 MUSIC 6
1304320	ELECT MUS 3 Electronic Music 3	3/Y	PF	1.0	MUSIC ED @4 VOC MUS @6 INSTR MUS @4 @6 MUSIC 6
EURYTHMICS					
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1305300	EURHY 1 Eurhythmics 1	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1305310	EURHY 2 Eurhythmics 2	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1305320	EURHY 3 Eurhythmics 3	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1305330	EURHY 4 Eurhythmics 4	2/Y	PF	1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1300990	MUS TRAN Music Transfer	/Z			NA
COMBINED COURSES					
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1400300	PEER COUN 1 Peer Counseling 1	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1400310	PEER COUN 2 Peer Counseling 2	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1400320	PEER COUN 3 Peer Counseling 3	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1400330	PEER COUN 4 Peer Counseling 4	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
-----  PHYSICAL EDUCATION  -----					
ADAPTIVE -----					
1500300	ADAP PE IEP OR 504 Adaptive Physical Education IEP or 504 Plan	1/S	PE		PHYS ED@1/@ADAPT PE E PHYS ED @1 PHYS ED 6
1500310	INDIV SPRTS DI SAB Individual Sports for Disabled Students	1/S	PE		PHYS ED@1/@ADAPT PE E PHYS ED @1 PHYS ED 6
1500320	TEAM SPRTS DISSB STU Team Sports for Disabled Students	1/S	PE		PHYS ED@1/@ADAPT PE E PHYS ED @1 PHYS ED 6
1500330	RECL ACTS DI SAB STUS Recreational Activities for Disabled Students	1/S	PE		PHYS ED@1/@ADAPT PE E PHYS ED @1 PHYS ED 6
1500340	AQUATICS DI SAB STUS Aquatics for Disabled Students	1/S	PE		ANY FIELD RED CROSS INSTRUCTOR RED CROSS WATER SAFETY INSTR (WSI) OR EQUIV
FITNESS -----					
1500410	INTERSCH SSN 1 - COM Completion of Interscholastic Sports Season 1	/Z			
1500420	INTERSCH SSN 2 - COM Completion of Interscholastic Sports Season 2	/Z			
1500430	INTERSCH SPTS WAI VER Personal Fitness Competency Test Waiver	/Z	PE		
1500440	MCHG BAND PE WAI VER Marching Band PE Waiver - (for Personal Fitness option only)	/Z			
1500445	DANCE WAI VER Dance Waiver (0.5 for Personal Fitness option only) for entering 0708	/Z			
1500450	ROTC PE YR 1 WAI VER ROTC Physical Education Waiver - Completion of Year 1	/Z			

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
1500460	ROTC PE YR 2 WAIVER ROTC Physical Education Waiver - Completion of Year 2	/Z					
1500470	ROTC PE WAIVER COM ROTC PE Waiver - Comp ROTC Y1, Y2 and Pers Fit Course	/Z					
1500480	ROTC PE/PF WVR ROTC PE/Performing Arts Waiver for HOPE & Pers Fit/PE Elec	/Z					
1501300	PERS FIT Personal Fitness	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501305	IB MYP PE HON International Baccalaureate Mid Yrs Prog Physical Education Honors	3/S	PE	0.5	PHYS ED	6 @5	PHYS ED @1
1501310	FIT LIFST DESIGN Fitness Lifestyle Design	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501320	FIT ISSUES FOR ADOL Fitness Issues for Adolescence	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501340	BEG WEIGHT TRAIN WEIGHT TRAIN 1 Beginning Weight Training	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501350	INTERM WGHT TRAIN WEIGHT TRAIN 2 Intermediate Weight Training	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501360	ADV WEIGHT TRAIN WEIGHT TRAIN 3 Advanced Weight Training	3/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501380	PERS FIT TRAINER Personal Fitness Trainer	2/Y		1.0	PHYS ED	6	
1501390	COMPRE FIT Comprehensive Fitness	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1501410	BEG PWR WEIGHT TRAIN POWER WEIGHT TRAIN 1 Beginning Power Weight Training	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502500	SPRTS OFFICIATING Sports Officiating	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503400	BEG AEROBICS AEROBICS 1 Beginning Aerobics	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
1503410	INTERM AEROBICS AEROBICS 2 Intermediate Aerobics Aerobics 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503420	ADV AEROBICS AEROBICS 3 Advanced Aerobics Aerobics 3	3/S	PE	0.5	PHYS ED	@1	PHYS ED 6
----- INDIVIDUAL AND DUAL -----							
1502300	BEG GYM GYMNASTICS 1 Beginning Gymnastics Gymnastics 1	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502310	INTERM GYM GYMNASTICS 2 Intermediate Gymnastics Gymnastics 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502320	ADV GYM GYMNASTICS 3 Advanced Gymnastics Gymnastics 3	3/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502400	PADB RACQB HANDBALL Paddl ebal l /Racquetbal l /Handbal l	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502410	INDIV/DUAL SPRTS 1 Indi vi dual and Dual Sports 1	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502420	INDIV/DUAL SPRTS 2 Indi vi dual and Dual Sports 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502430	INDIV/DUAL SPRTS 3 Indi vi dual and Dual Sports 3	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502460	SELF DEFENSE Sel f Defense Acti vi ti es	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502470	REC Recreational Acti vi ti es	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1502480	OUTDOOR ED Outdoor Educati on	2/S	PE	0.5	ANY ACADEMIC COVERAGE		
1502490	CARE/PREV OF ATH INJ Care and Preventi on of Athl eti c Injuri es	2/S	PE	0.5	HEALTH 6 HEALTH ED @4		PHYS ED 6 PHYS ED @1 ANY FIELD WITH NATA CERTIFICATION

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
1504400	BEG GOLF GOLF 1 Beginni ng Gol f Gol f 1	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1504410	INTERM GOLF GOLF 2 Intermedi ate Gol f Gol f 2	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1504460	BEG SWIM SWIMMI NG 1 Beginni ng Swi mmi ng Swi mmi ng 1	2/S	PE	0.5	RED CROSS WATER SAFETY INSTR (WSI) OR EQUIV RED CROSS INSTRUCTOR
1504470	INTERM SWIM SWIMMI NG 2 Intermedi ate Swi mmi ng Swi mmi ng 2	2/S	PE	0.5	RED CROSS WATER SAFETY INSTR (WSI) OR EQUIV RED CROSS INSTRUCTOR
1504490	WATER SAFETY Water Safety	3/S	PE	0.5	RED CROSS WATER SAFETY INSTR (WSI) OR EQUIV RED CROSS INSTRUCTOR
1504500	BEG TENNIS TENNIS 1 Beginni ng Tenni s Tenni s 1	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1504510	INTERM TENNIS TENNIS 2 Intermedi ate Tenni s Tenni s 2	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1504520	ADV TENNIS TENNIS 3 Advanced Tenni s Tenni s 3	3/S	PE	0.5	PHYS ED @1 PHYS ED 6
1505430	BEG RACQUETBALL RACQUETBALL 1 Beginni ng Racquetbal l Racquetbal l 1	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1505440	INTERM RACQUETBALL RACQUETBALL 2 Intermedi ate Racquetbal l Racquetbal l 2	2/S	PE	0.5	PHYS ED @1 PHYS ED 6
1505550	BEG WRESTLING WRESTLI NG 1 Beginni ng Wrestl i ng Wrestl i ng 1	2/S	PE	0.5	PHYS ED @1 PHYS ED 6



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
1505560	INTERM WRESTLING WRESTLING 2 Intermediate Wrestling Wrestling 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
TEAM							
1503300	TRACK & FIELD Track and Field	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503310	BASKETBALL Basketball I	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503320	SOCCER Soccer	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503330	SOFTBALL Softball I	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503350	TEAM SPRTS 1 Team Sports 1	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1503360	TEAM SPRTS 2 Team Sports 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1505500	BEG VOLLEYBALL VOLLEYBALL 1 Beginning Volleyball Volleyball 1	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1505510	INTERM VOLLEYBALL VOLLEYBALL 2 Intermediate Volleyball Volleyball 2	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1505520	ADV VOLLEYBALL VOLLEYBALL 3 Advanced Volleyball Volleyball 3	2/S	PE	0.5	PHYS ED	@1	PHYS ED 6
1500990	PE TRAN Physical Education Transfer	/Z			NA		
WELLNESS EDUCATION							
1506320	HOPE-PE V HOPE-Physical Education Variation	2/Y	PE	1.0	PHYS ED	@1	PHYS ED 6

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- COMBINED COURSES -----					
3026010	HOPE HOPE-Physical Education (Core)	2/Y	PE	1.0	REQUIRES 1 CERT IN PE + 1 CERT IN HEALTH: PHYS ED 6 + HEALTH ED @4 PHYS ED 6 + FAM CONS SC 1 PHYS ED @1 + HEALTH ED @4 PHYS ED @1 + FAM CON SC 1
3026020	AICE PHYS ED AICE Physical Education	3/Y	PE	1.0	PHYS ED 6 @1

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RESEARCH AND CRITICAL THINKING

1700300	RESEARCH 1 Research 1	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700310	RESEARCH 2 Research 2	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700320	RESEARCH 3 Research 3	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700330	RESEARCH 4 Research 4	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700340	RESEARCH 5 Research 5	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
<sup>a</sup> 1700350	RESEARCH 6 Research 6	2/Y		1.0	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
1700360	INQUIRY SKLS-PRE IB Inquiry Skills-Pre International Baccal aureate	2/Y		1.0	ANY ACADEMIC COVERAGE
1700362	PRE-AICE GLBL PERSPE Pre-AICE Global Perspectives	3/Y		1.0	SOCIAL SCI 1 HUMANITIES 6 ENGLISH 1 BIOLOGY 1
1700364	AICE GLBL PERSPE 1 AICE Global Perspectives & Independent Research 1	3/Y		1.0	SOCIAL SCI 1 HUMANITIES 6 ENGLISH 1 BIOLOGY 1
1700366	AICE GLBL PERSPE 2 AICE Global Perspectives & Independent Research 2	3/Y		1.0	SOCIAL SCI 1 HUMANITIES 6 ENGLISH 1 BIOLOGY 1
<sup>a</sup> 1700370	CRIT THINK ST SKLS Critical Thinking and Study Skills	2/S		0.5	ANY ACADEMIC COVERAGE
1700372	AICE THINK SKLS 1 AICE Thinking Skills 1	3/Y		1.0	ANY ACADEMIC COVERAGE

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
1700374	AICE THINK SKLS 2 AICE Thi nki ng Ski lls 2	3/Y		1.0	ANY ACADEMI C COVERAGE
1700380	CAR RESA&DECI MAK Career Research and Deci si on Maki ng	2/S		0.5	ANY FIE LD WHEN CERT REFLECTS BACHELOR/HI GHER
1700390	AVID 1 Advancement Vi a I ndi vi dual Determi nati on 1	2/Y		1.0	ANY FIE LD WHEN CERT REFLECTS BACHELOR/HI GHER ANY ACADEMI C COVERAGE
1700400	AVID 2 Advancement Vi a I ndi vi dual Determi nati on 2	2/Y		1.0	ANY FIE LD WHEN CERT REFLECTS BACHELOR/HI GHER ANY FIE LD
1700410	AVID 3 Advancement Vi a I ndi vi dual Determi nati on 3	2/Y		1.0	ANY FIE LD WHEN CERT REFLECTS BACHELOR/HI GHER ANY ACADEMI C COVERAGE
1700420	AVID 4 Advancement Vi a I ndi vi dual Determi nati on 4	2/Y		1.0	ANY FIE LD WHEN CERT REFLECTS BACHELOR/HI GHER ANY ACADEMI C COVERAGE

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ROTC AND MILITARY TRAINING

AIR FORCE JR ROTC

1800300	AERO SCI 1 Aerospace Sci ence 1	2/Y		1.0	JR ROTC @7 G	SCI ENCE @4
1800310	AERO SCI 2 Aerospace Sci ence 2	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800320	AERO SCI 3 Aerospace Sci ence 3	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800330	AERO SCI 4: LEAD DEV Aerospace Sci ence 4: Leadershi p Devel opment	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800340	ADV AERO SCI Advanced Aerospace Sci ence	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800350	AERO SCI 4: TRANSP Aerospace Sci ence 4: Transportati on	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800360	AERO SCI 4 Aerospace Sci ence 4	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800400	LEAD ED 1 Leadershi p Educati on 1	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G
1800410	LEAD ED 2 Leadershi p Educati on 2	2/Y		1.0	SCI ENCE @4	JR ROTC @7 G

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
----- ARMY JR ROTC -----					
1801300	LEAD ED/TRAIN 1 Leadership Education and Training 1	2/Y		1.0	JR ROTC @7 G
1801310	LEAD ED/TRAIN 2 Leadership Education and Training 2	2/Y		1.0	JR ROTC @7 G
1801320	LEAD ED/TRAIN 3 Leadership Education and Training 3	2/Y		1.0	JR ROTC @7 G
1801330	LEAD ED/TRAIN 4 Leadership Education and Training 4	2/Y		1.0	JR ROTC @7 G
----- NAVY JR ROTC -----					
1802300	NAVAL SCI 1 Naval Science 1	2/Y		1.0	JR ROTC @7 G
1802310	NAVAL SCI 2 Naval Science 2	2/Y		1.0	JR ROTC @7 G
1802320	NAVAL SCI 3 Naval Science 3	2/Y		1.0	JR ROTC @7 G
1802330	NAVAL SCI 4 Naval Science 4	2/Y		1.0	JR ROTC @7 G
----- MARINE CORPS JR ROTC -----					
1803300	LEAD ED 1 Leadership Education 1	2/Y		1.0	JR ROTC @7 G
1803310	LEAD ED 2 Leadership Education 2	2/Y		1.0	JR ROTC @7 G
1803320	LEAD ED 3 Leadership Education 3	2/Y		1.0	JR ROTC @7 G
1803330	LEAD ED 4 Leadership Education 4	2/Y		1.0	JR ROTC @7 G

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
----- COAST GUARD -----							
<sup>a</sup> 1804300	ELECTRICITY/ELECTRONICS Electricity/Electronics	2/Y		1.0	JR ROTC	@7	G
<sup>a</sup> 1804310	MARINE TECH Marine Technology	2/Y		1.0	JR ROTC	@7	G
1804320	MARITIME SCI 1 Maritime Science 1	2/Y		1.0	SCIENCE ERTH/SPA S	@4 1	JR ROTC @7 G
1804330	MARITIME SCI 2 Maritime Science 2	2/Y		1.0	SCIENCE ERTH/SPA S	@4 1	JR ROTC @7 G
1804340	MARITIME SCI 3 Maritime Science 3	2/Y		1.0	SCIENCE ERTH/SPA S	@4 1	JR ROTC @7 G
1804350	MARITIME SCI 4 Maritime Science 4	2/Y		1.0	SCIENCE ERTH/SPA S	@4 1	JR ROTC @7 G
----- MILITARY TRAINING -----							
1800990	MILITARY TRAINING Transfer	2/Z			NA		
-----							
SAFETY AND DRIVER EDUCATION   -----							
1900300	DRIVER ED CLASS Driver Education/Traffic Safety-Classroom	2/S		0.5	ANY FIELD/DRIVER ED E		
1900310	DRIVER ED CLASS/LAB Driver Education/Traffic Safety-Classroom and Laboratory	2/S		0.5	ANY FIELD/DRIVER ED E		
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SCIENCE   -----							
----- BIOLOGICAL SCIENCES -----							
*2000300	INTENSIVE SCIENCE	/M	SC		MULTIPLE SCIENCE	@4	MG GEN SCI C

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION		
*2000310	BIO 1 Biology 1	2/Y	BI	1.0	SCIENCE @4 MG GEN SCI C		BIOLOGY 1
*2000320	BIO 1 HON Biology 1 Honors	3/Y	BI	1.0	SCIENCE @4 MG GEN SCI C		BIOLOGY 1
2000321	AICE BIO 1 AICE Biology 1	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
*2000322	PRE-AICE BIO Pre-AICE Biology	3/Y	BI	1.0	SCIENCE @4		BIOLOGY 1
2000323	AICE BIO 2 AICE Biology 2	3/Y	EQ	1.0	BIOLOGY 1 SCIENCE @4		SCIENCE @4
2000330	BIO 2 Biology 2	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
2000340	ADV PL BIO Advanced Placement Biology	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
2000350	ANAT PHYSIO Anatomy and Physiology	2/Y	SC	1.0	SCIENCE @4 HEALTH 6		BIOLOGY 1 HEALTH ED @4
2000360	ANAT PHYSIO HON Anatomy and Physiology Honors	3/Y	EQ	1.0	SCIENCE @4 HEALTH 6		BIOLOGY 1 HEALTH ED @4
2000370	BOTANY Botany	2/Y	SC	1.0	SCIENCE @4		BIOLOGY 1
2000380	ECOLOGY Ecology	2/Y	SC	1.0	SCIENCE @4		BIOLOGY 1
2000390	LIMNOLOGY Limnology	2/Y	SC	1.0	SCIENCE @4		BIOLOGY 1
2000410	ZOOLOGY Zoology	2/Y	SC	1.0	SCIENCE @4 MG GEN SCI C		BIOLOGY 1
2000430	BIOTECH Biology Technology	2/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
2000440	GENETICS Genetics	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
*2000800	BIO 1-PRE IB Biology 1-Pre International Baccalaureate	3/Y	BI	1.0	SCIENCE @4		BIOLOGY 1
2000810	BIO 2-IB Biology 2-International Baccalaureate	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
2000820	BIO 3-IB Biology 3-International Baccalaureate	3/Y	EQ	1.0	SCIENCE @4		BIOLOGY 1
*2000850	IB MYP BIOLOGY HON International Baccalaureate Mid Yrs Prog Biology Honors	3/Y	BI	1.0	MG GEN SCI C SCIENCE @4		BIOLOGY 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
----- EARTH-SPACE SCIENCES -----						
2001310	ERTH/SPA SCI Earth/Space Science	2/Y	EQ	1.0	SCIENCE @4 CHEM 1 ERTH/SPA S 1	PHYSICS 1 MG GEN SCI C
2001320	ERTH/SPA SCI HON Earth/Space Science Honors	3/Y	EQ	1.0	SCIENCE @4 CHEM 1 PHYSICS 1	ERTH/SPA S 1 MG GEN SCI C
2001350	ASTRONOMY Astronomy Solar/Galactic	2/Y	SC	1.0	SCIENCE @4 ERTH/SPA S 1	PHYSICS 1 MG GEN SCI C
2020910	ASTR S/G HON Astronomy Solar/Galactic Honors (formerly 202091A)	3/Y	EQ	1.0	SCIENCE @4 MG GEN SCI C	PHYSICS 1 ERTH/SPA S 1
----- GENERAL SCIENCE -----						
2002330	SPACE TECH ENG Space Technology and Engineering	2/Y	SC	1.0	SCIENCE @4 CHEM 1 PHYSICS 1	BIOLOGY 1 ERTH/SPA S 1 MATH 1
<sup>a</sup> 2002340	EXP SCI 1 Experimental Science 1	3/Y		1.0	BIOLOGY 1 ERTH/SPA S 1	CHEM 1 PHYSICS 1
<sup>a</sup> 2002350	EXP SCI 2 Experimental Science 2	3/Y		1.0	BIOLOGY 1 ERTH/SPA S 1	CHEM 1 PHYSICS 1
<sup>a</sup> 2002360	EXP SCI 3 Experimental Science 3	3/Y		1.0	BIOLOGY 1 ERTH/SPA S 1	CHEM 1 PHYSICS 1
<sup>a</sup> 2002370	EXP SCI 4 Experimental Science 4	3/Y		1.0	BIOLOGY 1 ERTH/SPA S 1	CHEM 1 PHYSICS 1
----- INTEGRATED SCIENCES -----						
2001340	ENV SCI Environmental Science	2/Y	SC	1.0	SCIENCE @4 CHEM 1 MG GEN SCI C	BIOLOGY 1 ERTH/SPA S 1
2001342	PRE-AICE ENV MGMT Pre-AICE Environmental Management	3/	EQ	1.0	SCIENCE @4 ERTH/SPA S 1 @4 PHYSICS 1 @4	CHEM 1 BIOLOGY 1
2001370	ENV SYS IB International Baccalaureate Environmental Systems	3/Y	EQ	1.0	SCIENCE @4 CHEM 1	BIOLOGY 1 ERTH/SPA S 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
2001380	ADV PL ENV SCI Advanced Placement Environmental Science	3/Y	EQ	1.0	SCIENCE @4 CHEM 1	BIOLOGY 1 ERTH/SPA S 1
2001381	AICE ENV MGMNT AICE Environmental Management	3/Y	EQ	1.0	SCIENCE @4 ERTH/SPA S 1	BIOLOGY 1 CHEM 1
2001390	PRE-AICE COOR SCI 1 Pre-AICE Coordinated Science 1	3/Y	EQ	1.0	SCIENCE @4 PHYSICS 1	BIOLOGY 1 CHEM 1
2001400	PRE-AICE COOR SCI 2 Pre-AICE Coordinated Science 2	3/Y	EQ	1.0	SCIENCE @4 PHYSICS 1	BIOLOGY 1 CHEM 1
2001410	AICE FOOD STUDIES AICE Food Studies	3/Y		1.0	SCIENCE @4	FAM CON SC 1
*2002400	INTEG SCI 1 Integrated Science 1	2/Y	SC	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 MG GEN SCI C CHEM 1
*2002410	INTEG SCI 1 HON Integrated Science 1 Honors	3/Y	SC	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 MG GEN SCI C CHEM 1
*2002415	IB MYP INTEG SCI HON International Baccalaureate Mid Yrs Prog Integrated Science Honors	3/Y	SC	1.0	SCIENCE @4 CHEM 1 PHYSICS 1	BIOLOGY 1 MG GEN SCI C ERTH/SPA S 1
*2002420	INTEG SCI 2 Integrated Science 2	2/Y	SC	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
*2002430	INTEG SCI 2 HON Integrated Science 2 Honors	3/Y	SC	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
*2002440	INTEG SCI 3 Integrated Science 3	2/Y	S3	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
*2002450	INTEG SCI 3 HON Integrated Science 3 Honors	3/Y	S3	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
2002460	INTEG SCI 4 Integrated Science 4	3/Y	EQ	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
<sup>a</sup> 2002470	INTEG SCI 5 Integrated Science 5	3/Y	EQ	1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4	BIOLOGY 1 CHEM 1
2002480	FORC SCI 1 Forensic Science 1	2/Y		1.0	MG GEN SCI C ERTH/SPA S 1 PHYSICS 1	SCIENCE @4 BIOLOGY 1 CHEM 1
<sup>a</sup> 2002490	FORC SCI 2 Forensic Science 2	2/Y		1.0	MG GEN SCI C ERTH/SPA S 1 BIOLOGY 1	CHEM 1 PHYSICS 1 SCIENCE @4



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2002500	MARINE SCI 1 Marine Science 1	2/Y	SC	1.0	BIOLOGY 1 CHEM 1 PHYSICS 1 ERTH/SPA S 1 SCIENCE @4
2002510	MARINE SCI 1 HON Marine Science 1 Honors	3/Y	EQ	1.0	BIOLOGY 1 CHEM 1 PHYSICS 1 ERTH/SPA S 1 SCIENCE @4
2002515	AICE MARINE SCI 1 AICE Marine Science 1	3/Y	EQ	1.0	CHEM 1 ERTH/SPA S 1 PHYSICS 1 BIOLOGY 1 SCIENCE @4
2002520	MARINE SCI 2 Marine Science 2	2/Y	SC	1.0	BIOLOGY 1 CHEM 1 PHYSICS 1 ERTH/SPA S 1 SCIENCE @4
2002530	MARINE SCI 2 HON Marine Science 2 Honors	3/Y	EQ	1.0	BIOLOGY 1 CHEM 1 PHYSICS 1 SCIENCE @4
2002535	AICE MARINE SCI 2 AICE Marine Science 2	3/Y	EQ	1.0	SCIENCE @4 ERTH/SPA S 1 PHYSICS 1 BIOLOGY 1 CHEM 1
2002540	SOLAR ENERGY 1 Solar Energy 1	3/Y		1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4 BIOLOGY 1 CHEM 1
<sup>a</sup> 2002550	SOLAR ENERGY 2 Solar Energy 2	3/Y		1.0	ERTH/SPA S 1 PHYSICS 1 SCIENCE @4 BIOLOGY 1 CHEM 1

PHYSICAL SCIENCES

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2003310	PHY SCI Physical Science	2/Y	EQ	1.0	SCIENCE @4 ERTH/SPA S 1 PHYSICS 1 CHEM 1 MG GEN SCI C
2003320	PHY SCI HON Physical Science Honors	3/Y	EQ	1.0	SCIENCE @4 ERTH/SPA S 1 PHYSICS 1 CHEM 1 MG GEN SCI C
2003330	AICE PHY SCI 1 AICE Physical Science 1	3/Y	EQ	1.0	SCIENCE @4 PHYSICS 1 CHEM 1
*2003340	CHEM 1 Chemistry 1	2/Y	CH	1.0	SCIENCE @4 CHEM 1
*2003350	CHEM 1 HON Chemistry 1 Honors	3/Y	CH	1.0	SCIENCE @4 CHEM 1
2003360	CHEM 2 Chemistry 2	3/Y	EQ	1.0	SCIENCE @4 CHEM 1
2003370	ADV PL CHEM Advanced Placement Chemistry	3/Y	EQ	1.0	SCIENCE @4 CHEM 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION			
2003371	AICE CHEM 1 AICE Chemistry 1	3/Y	EQ	1.0	SCIENCE	@4	CHEM	1
*2003372	PRE-AICE CHEM Pre-AICE Chemistry	3/Y	CH	1.0	SCIENCE	@4	CHEM	1
2003373	AICE CHEM 2 AICE Chemistry 2	3/Y	EQ	1.0	CHEM	1	SCIENCE	@4
*2003380	PHYS 1 Physics 1	2/Y	PH	1.0	SCIENCE	@4	PHYSICS	1
*2003390	PHYS 1 HON Physics 1 Honors	3/Y	PH	1.0	SCIENCE	@4	PHYSICS	1
2003400	NUCLEAR RADI Nuclear Radiation	2/Y	SC	1.0	SCIENCE CHEM BIOLOGY	@4 1 1	MG GEN SCI PHYSICS ERTH/SPA S	C 1 1
2003410	PHYS 2 Physics 2	3/Y	EQ	1.0	SCIENCE	@4	PHYSICS	1
2003420	ADV PL PHYS B Advanced Placement Physics B	3/Y	EQ	1.0	SCIENCE	@4	PHYSICS	1
2003430	ADV PL PHYSC: ME, E, MA Advanced Placement Physics C: Mechanics, Electricity, Magnetism	3/Y	EQ	1.0	SCIENCE	@4	PHYSICS	1
2003431	AICE PHYS AICE Physics	3/Y	EQ	1.0	SCIENCE	@4	PHYSICS	1
*2003432	PRE-AICE PHYS Pre-AICE Physics	3/Y	PH	1.0	SCIENCE	@4	PHYSICS	1
2003433	AICE PHYS 2 AICE Physics 2	3/Y	EQ	1.0	PHYSICS	1	SCIENCE	@4
*2003600	PRINC TECH 1 Principles of Technology 1	2/Y	PH	1.0	SCIENCE	@4	PHYSICS	1
*2003610	PRINC TECH 2 Principles of Technology 2	2/Y	PH	1.0	SCIENCE	@4	PHYSICS	1
*2003800	CHEM 1-PRE IB Chemistry 1-Preinternational Baccalaureate	3/Y	CH	1.0	SCIENCE	@4	CHEM	1
2003810	CHEM 2-IB Chemistry 2-International Baccalaureate	3/Y	EQ	1.0	SCIENCE	@4	CHEM	1
2003820	CHEM 3-IB Chemistry 3-International Baccalaureate	3/Y	EQ	1.0	SCIENCE	@4	CHEM	1
*2003830	IB MYP CHEM HON International Baccalaureate Mid Yrs Prog Chemistry Honors	3/Y	EQ	1.0	CHEM MG GEN SCI	1 C	SCIENCE	@4
2003840	PHYS 1-IB Physics 1-International Baccalaureate	3/Y	PH	1.0	SCIENCE	@4	PHYSICS	1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING  
SUBJECT AREA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2003845	PHYS 2-IB Physics 2-International Baccalaureate	3/Y	EQ	1.0	SCIENCE @4 PHYSICS 1
2003850	PHYS 3-IB Physics 3-International Baccalaureate	3/Y	EQ	1.0	SCIENCE @4 PHYSICS 1
2003860	DESIGN TECH-IB Design Technology - International Baccalaureate	3/Y		1.0	ANY ACADEMIC COVERAGE
2003870	IB MYP DES TECH HON International Baccalaureate Mid Yrs Prog Design Technology Honors	3/S		0.5	ART 6 ART ED @4
2020710	NUC RAD HON Nuclear Radiation Honors (formerly 202071A)	3/Y	EQ	1.0	SCIENCE @4 MG GEN SCI C CHEM 1 EARTH/SPACE 1 PHYSICS 1 BIOLOGY 1
2000990	SCI TRAN Science Transfer	/Z			NA

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SOCIAL STUDIES

COMBINED COURSES

*2100310	AMER HIST US HIST American History United States History	2/Y	AH	1.0	HISTORY @1 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
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AMERICAN AND WESTERN HEMISPHERIC HISTORIES

*2100320	AMER HIST HON US HIST HON American History Honors United States History Honors	3/Y	AH	1.0	HISTORY @1 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
2100330	ADV PL U.S. HIST Advanced Placement United States History	3/Y	AH	1.0	HISTORY @1 SOCIAL SCI 1
2100340	AFRICAN-AMER HIST African-American History	2/S		0.5	HISTORY @1 SOCIAL SCI 1
2100350	FLORIDA HIST Florida History	2/S		0.5	HISTORY @1 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION			
2100360	LATIN AMER HIST Latin American History	2/Y		1.0	HISTORY	@1	SOCIAL SCI	1
2100370	EAST & WEST HERITAGE Eastern and Western Heritage	2/Y	WH	1.0	HISTORY	@1	SOCIAL SCI	1
2100380	VISIONS & PURSUITS Visions and Their Pursuits: An American Tradition-U.S. History to 1920	2/Y	AH	1.0	HISTORY	@1	SOCIAL SCI	1
2100390	VISIONS & COUNTERVIS Visions and Countervisions: Europe, the U.S. and the World from 1848	2/Y	WH	1.0	HISTORY	@1	SOCIAL SCI	1
2100400	HIST OF VIETNAM WAR The History of The Vietnam War	2/S		0.5	HISTORY	@1	SOCIAL SCI	1
<sup>a</sup> 2100410	CARIBBEAN STUDIES Caribbean Studies	2/Y		1.0	HISTORY	@1	SOCIAL SCI	1
<sup>a</sup> 2100420	CIVIL WAR & RECONST Civil War and Reconstruction	2/S		0.5	HISTORY	@1	SOCIAL SCI	1
<sup>a</sup> 2100460	EAST/WEST HERI HON Eastern and Western Heritage Honors	3/Y	WH	1.0	HISTORY	@1	SOCIAL SCI	1
<sup>a</sup> 2100470	VISIONS/PURSUITS HON Visions & Their Pursuits: An Amer Trad -U.S. Hist to 1920 Honors	3/Y	AH	1.0	HISTORY	@1	SOCIAL SCI	1
<sup>a</sup> 2100480	VISIONS/COUNTER HON Visions: Europe, U.S., World Honors	3/Y	WH	1.0	HISTORY	@1	SOCIAL SCI	1
2100490	AICE INTL HIST AICE International History	3/Y	WH	1.0	HISTORY	@1	SOCIAL SCI	1
2100500	AICE U.S. HIST AICE United States History	3/Y	AH	1.0	HISTORY	@1	SOCIAL SCI	1
2100800	HIST OF AMERICAS-IB History of the Americas-International Baccalaureate	3/Y	AH	1.0	HISTORY	@1	SOCIAL SCI	1
2100810	AMER HIST-IB American History-International Baccalaureate	3/Y	AH	1.0	HISTORY	@1	SOCIAL SCI	1
ANTHROPOLOGY								
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2101300	ANTHROP Anthropology	2/S		0.5	SOCIAL SCI	1		
<sup>a</sup> 2101310	ARCHEOLOGY Archeology	2/S		0.5	SOCIAL SCI	1		

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2101800	SOCI AL ANTHROP 1-IB Soci al Anthropol ogy 1-Internati onal Baccal aureate	3/Y		1.0	SOCI AL SCI 1
2101810	SOCI AL ANTHROP 2-IB Soci al Anthropol ogy 2-Internati onal Baccal aureate	3/Y		1.0	SOCI AL SCI 1
2120710	ANTHRO HON Anthropol ogy Honors (formerl y 212071A)	3/S		0.5	SOCI AL SCI 1
ECONOMI CS -----					
*2102310	ECON Economi cs	2/S	EC	0.5	ECONOMI CS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 HI STORY @1
*2102320	ECON HON Economi cs Honors	3/S	EC	0.5	ECONOMI CS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 HI STORY @1
2102321	AICE ECON 1 AICE Economi cs 1	3/Y	EC	1.0	ECONOMI CS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 HI STORY @1
2102322	AICE ECON 2 AICE Economi cs 2	3/Y	EC	1.0	ECONOMI CS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 HI STORY @1
2102323	PRE-AICE ECON Pre-AICE Economi cs	3/S	EC	0.5	ECONOMI CS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 HI STORY @1
2102324	AICE BUSINESS 1 AICE Busi ness Studi es 1	3/Y		1.0	ECONOMI CS @1 BUS ED 1 SOCIAL SCI 1
2102325	AICE BUSINESS 2 AICE Busi ness Studi es 2	3/Y		1.0	ECONOMI CS @1 BUS ED 1 SOCIAL SCI 1
<sup>a</sup> 2102330	COMPA ECON SYSTEMS Comparati ve Economi c Systems	2/S	EC	0.5	ECONOMI CS @1 HI STORY @1 SOCIAL SCI 1
<sup>a</sup> 2102350	APPL ECON Appl ied Economi cs	2/S		0.5	ECONOMI CS @1 HI STORY @1 SOCIAL SCI 1
2102360	ADV PL MICROECON Advanced Pl acement Mi croeconomi cs	3/S	EC	0.5	ECONOMI CS @1 HI STORY @1 SOCIAL SCI 1
2102370	ADV PL MACROECON Advanced Pl acement Macroeconomi cs	3/S	EC	0.5	ECONOMI CS @1 HI STORY @1 SOCIAL SCI 1
2102380	AMERI CAN ECON EXP The Ameri can Economi c Experi ence: Scarci ty and Choi ce	2/S	EC	0.5	ECONOMI CS @1 HI STORY @1 SOCIAL SCI 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
2102390	AMER ECON EXP HON The American Economic Experience: Scarcity and Choice Honors	3/S	EC	0.5	ECONOMICS @1 HISTORY @1	SOCIAL SCI 1
2102400	PRE-AICE TRVL&TRSM Pre-AICE - Travel & Tourism	3/Y		1.0		SOCIAL SCI 1 BUS ED 1
2102410	AICE TRVL&TRSM 1 AICE Travel & Tourism 1	3/Y		1.0		SOCIAL SCI 1 BUS ED 1
2102420	AICE TRVL&TRSM 2 AICE Travel & Tourism 2	3/Y		1.0		SOCIAL SCI 1 BUS ED 1
2102430	IB BUS MGMT 1 International Baccalaureate Business and Management 1	3/Y		1.0		BUS ED 1
2102440	IB BUS MGMT 2 International Baccalaureate Business and Management 2	3/Y		1.0		BUS ED 1
2102800	COMP ECON SYS-PRE IB Comparative Economic Systems- Preinternational Baccalaureate	3/S	EC	0.5	ECONOMICS @1	SOCIAL SCI 1
2102810	ECON 1-IB Economics 1-International Baccalaureate	3/Y	EC	1.0	ECONOMICS @1 MG SOC SCI C	SOCIAL SCI 1 HISTORY @1
2102820	ECON 2-IB Economics 2-International Baccalaureate	3/Y	EC	1.0	ECONOMICS @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	SOCIAL SCI 1 HISTORY @1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
----- GEOGRAPHY -----						
2103300	WORLD CLTRL GEOG World Cultural Geography	2/Y		1.0	GEOGRAPHY @1 MG SOC SCI C	SOCIAL SCI 1
2103400	ADV PL HUMAN GEOG Advanced Placement Human Geography	3/Y		1.0	GEOGRAPHY @1 MG SOC SCI C	SOCIAL SCI 1
2103410	AICE GEOG AICE Geography	3/Y		1.0	GEOGRAPHY @1 MG SOC SCI C	SOCIAL SCI 1
2103420	PRE-AICE GEOGRAPHY Pre-AICE Geography	3/Y		1.0	GEOGRAPHY @4 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	SOCIAL SCI 1
2103430	IB GEOGRAPHY International Baccalaureate Geography	3/Y		1.0		SOCIAL SCI 1 GEOGRAPHY @1
2103800	WORLD GEOG-IB World Geography-International Baccalaureate	3/Y		1.0	GEOGRAPHY @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	SOCIAL SCI 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
 COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2103810	IB MYP WRLD GEO HON International Baccalaureate Mid Yrs Prog World Geography Honors	3/Y		1.0	MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1 GEOGRAPHY @1
INTERDISCIPLINARY AND APPLIED SOCIAL STUDIES					
2104300	INTROD SOCIAL SCI Introduction to the Social Sciences	2/Y		1.0	POL SCI @1 PSYCHOLOGY @1 SOCIOLOGY @1 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
<sup>a</sup> 2104310	FUTURE STUDIES Future Studies	2/Y		1.0	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
2104320	GLOBAL STUDIES Global Studies	2/Y		1.0	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
2104330	VOL SCH/COMMU SERV Voluntary School/Community Service	2/S		0.5	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
2104340	WOMEN'S STUDIES Women's Studies	2/S		0.5	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
2104350	ENG CITIZ SERV LRNG1 Engaged Citizenship through Service Learning 1	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
2104360	ENG CITIZ SERV LRNG2 Engaged Citizenship through Service Learning 2	2/S		0.5	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
MULTICULTURAL STUDIES					
2104600	MULTICLTRL STUDEIS Multicultural Studies	2/S		0.5	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
<sup>a</sup> 2104610	THE AMER MOSAIC The American Mosaic	2/S		0.5	HISTORY @1 POL SCI @1 SOCIOLOGY @1 SOCIAL SCI 1
PHILOSOPHY AND RELIGION					
<sup>a</sup> 2105300	WESTERN CIVIL Western Civilization	2/Y		1.0	HISTORY @1 HUMANITIES 6 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C
2105310	WORLD RELIGIONS World Religions	2/S		0.5	HISTORY @1 HUMANITIES 6 SOCIAL SCI 1
2105340	PHILOS Philosophy	2/S		0.5	HISTORY @1 HUMANITIES 6 SOCIAL SCI 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION	
2105350	Ethics	2/S		0.5	HISTORY @1 SOCIAL SCI 1	HUMANITIES 6
2105860	Ethics PHILOS 1 IB Philosophy 1 International Baccalaureate	3/Y		1.0	ANY ACADEMIC COVERAGE	
2120910	PHILOS HON Philosophy Honors	3/S		0.5	HISTORY @1 SOCIAL SCI 1	HUMANITIES 6
<sup>a</sup> 2120915	PHILOS HON 2 Philosophy Honors 2	3/Y		1.0	SOCIAL SCI 1	
----- POLITICAL SCIENCE -----						
*2106310	AMER GOVT US GOVT American Government United States Government	2/S	AG	0.5	POL SCI @1 HISTORY @1	SOCIAL SCI 1
*2106320	AMER GOVT HON US GOVT HON American Government Honors United States Government Honors	3/S	AG	0.5	POL SCI @1 HISTORY @1	SOCIAL SCI 1
2106330	CIVICS Civics	2/Y		1.0	HISTORY @1 SOCIAL SCI 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	POL SCI @1 MG SOC SCI C SOCIAL SCI 1
2106340	POL SCI Political Science	2/S		0.5	POL SCI @1	SOCIAL SCI 1
2106350	LAW STUDIES Law Studies	2/S		0.5	POL SCI @1 SOCIAL SCI 1 MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)	LAW @4 MG SOC SCI C
2106355	INTL LAW International Law	2/S		0.5	POL SCI @1 SOCIAL SCI 1	LAW @4
2106360	COMPA POLI SYSTEMS Comparative Political Systems	2/S		0.5	POL SCI @1	SOCIAL SCI 1
<sup>a</sup> 2106370	COMPRE LAW STUDIES Comprehensive Law Studies	2/Y		1.0	POL SCI @1 SOCIAL SCI 1	LAW @4
2106375	COMPRE LAW Comprehensive Law	3/Y		1.0	SOCIAL SCI 1 POL SCI 1	LAW @4
2106380	LEGAL SYSS & CONCS Legal Systems and Concepts	2/S		0.5	POL SCI @1 SOCIAL SCI 1	LAW @4
2106390	COURT PROCED Court Procedures	2/S		0.5	POL SCI @1 SOCIAL SCI 1	LAW @4
<sup>a</sup> 2106400	COURT PROCED INTERN Court Procedures Intern	2/S		0.5	POL SCI @1 SOCIAL SCI 1	LAW @4



GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING  
SUBJECT AREA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2106420	ADV PL US GOVT/POL Advanced Placement United States Government and Politics	3/S	AG	0.5	POL SCI @1 HI STORY @1 SOCIAL SCI 1
2106430	ADV PL COMP GOVT/POL Advanced Placement Comparative Government and Politics	3/S		0.5	POL SCI @1 HI STORY @1 SOCIAL SCI 1
2106440	INTL RLS International Relations	2/Y		1.0	POL SCI @1 SOCIAL SCI 1
2106445	INTL RLS 2 International Relations 2	3/Y		1.0	SOCIAL SCI 1 POL SCI 1
2106450	AMER POLIT SYSS The American Political System: Process and Power	2/S	AG	0.5	POL SCI @1 HI STORY @1 SOCIAL SCI 1
2106460	AMER POLIT SYSS HON The American Political System: Process and Power Honors	3/S	AG	0.5	POL SCI @1 HI STORY @1 SOCIAL SCI 1
<sup>a</sup> 2106468	CONST LAW 1 Constitutional Law 1	2/Y		1.0	POL SCI @4 SOCIAL SCI 1 LAW @4
<sup>a</sup> 2106470	CONST LAW 2 Constitutional Law 2	3/Y		1.0	POL SCI @1 SOCIAL SCI 1 LAW @4
2106480	CONST LAW HON Constitutional Law Honors	3/Y		1.0	SOCIAL SCI 1 POL SCI 1 LAW @4
2106800	AMER GOVT-PRE IB American Government - Preinternational Baccalaureate	3/S	AG	0.5	POL SCI @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1

PSYCHOLOGY

2107300	PSYCH 1 Psychology 1	2/S		0.5	PSYCHOLOGY @1 GUID COUN D MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SCHOOL PSY D SOCIAL SCI 1
2107310	PSYCH 2 Psychology 2	2/S		0.5	PSYCHOLOGY @1 GUID COUN D SCHOOL PSY D SOCIAL SCI 1
2107350	ADV PL PSYCH Advanced Placement Psychology	3/Y		1.0	PSYCHOLOGY @1 SCHOOL PSY D SOCIAL SCI 1
2107360	AICE PSYCH AICE Psychology	3/Y		1.0	PSYCHOLOGY @1 GUID COUN D SCHOOL PSY D SOCIAL SCI 1
2107370	AICE PSYCH 2 AICE Psychology 2	3/Y		1.0	PSYCHOLOGY @1 GUID COUN D SCHOOL PSY D SOCIAL SCI 1
2107800	PSYCH 1-IB Psychology 1-International Baccalaureate	3/Y		1.0	PSYCHOLOGY @1 GUID COUN D SCHOOL PSY D SOCIAL SCI 1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING  
SUBJECT AREA

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2107810	PSYCH 2-IB Psychology 2-International Baccalaureate	3/Y		1.0	PSYCHOLOGY @1 SCHOOL PSY D GUID COUN D SOCIAL SCI 1
SOCIOLOGY					
2108300	SOCIOLOGY Sociology	2/S		0.5	SOCIOLOGY @1 MG SOC SCI C SOCIAL SCI 1
2108310	AI CE SOCIOLOGY 1 AI CE Sociology 1	3/Y		1.0	MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIOLOGY @1 SOCIAL SCI 1
2108320	AI CE SOCIOLOGY 2 AI CE Sociology 2	3/Y		1.0	SOCIOLOGY @1 SOCIAL SCI 1
WORLD AND EASTERN HEMISPHERIC HISTORIES					
*2109310	WORLD HIST World History	2/Y	WH	1.0	HISTORY @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1
*2109320	WORLD HIST HON World History Honors	3/Y	WH	1.0	HISTORY @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1
*2109321	PRE-AI CE WORLD HIST Pre-AI CE World History	3/Y	WH	1.0	HISTORY @1 SOCIAL SCI 1
2109330	AFRICAN HIST African History	2/S		0.5	HISTORY @1 SOCIAL SCI 1
<sup>a</sup> 2109340	ASIAN HIST Asian History	2/S		0.5	HISTORY @1 SOCIAL SCI 1
2109350	CONTEMP HIST Contemporary History	2/S		0.5	HISTORY @1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) SOCIAL SCI 1
2109360	BRITISH HIST British History	2/Y		1.0	HISTORY @1 SOCIAL SCI 1
<sup>a</sup> 2109370	EURO HIST European History	2/Y		1.0	HISTORY @1 SOCIAL SCI 1
2109371	AI CE EURO HIST AI CE European History	3/Y	WH	1.0	HISTORY @1 SOCIAL SCI 1
*2109380	ADV PL EURO HIST Advanced Placement European History	3/Y		1.0	SOCIAL SCI 1 HISTORY @1

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2109410	JEWI SH HI ST Jewi sh Hi story	2/Y		1.0	HI STORY @1 SOCIAL SCI 1
2109420	ADV PL WORLD HI ST Advanced Pl acement Worl d Hi story	3/Y	WH	1.0	HI STORY @1 SOCIAL SCI 1
2109430	HOLOCAUST Hol ocaust	2/S		0.5	HI STORY @1 SOCIAL SCI 1
2109800	CONTEMP HI ST-IB Contemporary Hi story-I nternati onal Baccal aureate	3/Y		1.0	HI STORY @1 SOCIAL SCI 1
2109810	WORLD HI ST-PRE IB Worl d Hi story-Prei nternati onal Baccal aureate	3/Y	WH	1.0	HI STORY @1 SOCIAL SCI 1 MG SOC SCI C
2109820	EURO HI ST-IB European Hi story-I nternati onal Baccal aureate	3/Y		1.0	HI STORY @1 SOCIAL SCI 1 MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY)
2109830	IB MYP WRLD HI ST HON I nternati onal Baccal aureate Mi d Yrs Prog Worl d Hi story Honors	3/Y		1.0	MG SOC SCI C MG INTEG CURRIC C (VALID THRU 11-12 SY ONLY) HI STORY @1 SOCIAL SCI 1
2100990	SOC STUDI ES TRAN Soci al Studi es Transfer	/Z			NA

-----  
LEADERSHIP SKILLS DEVELOPMENT

2400300	LEAD SKLS DEV Leadershi p Ski lls Devel opment	2/Y		1.0	ANY FIELD
<sup>a</sup> 2400310	LEAD TECNQS Leadershi p Techni ques	2/Y		1.0	ANY FIELD

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STUDY HALL

2200300	NC STUDY HALL 1 NC Study Hall 1	/Z			ANY FIELD
2200310	NC STUDY HALL 2 NC Study Hall 2	/Z			ANY FIELD
2200320	NC STUDY HALL 3 NC Study Hall 3	/Z			ANY FIELD

GRADES 9 TO 12 AND ADULT EDUCATION COURSES  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
2200330	NC STUDY HALL 4 NC Study Hall 4	/Z			ANY FIELD
2200340	NC STUDY HALL 5 NC Study Hall 5	/Z			ANY FIELD
<sup>a</sup> 2200350	NC STUDY HALL 6 NC Study Hall 6	/Z			ANY FIELD
<sup>a</sup> 2200360	NC STUDY HALL 7 NC Study Hall 7	/Z			ANY FIELD
2200370	NC STUDY HALL 8 NC Study Hall 8	/Z			ANY FIELD
-----   TEMPORARY INSTRUCTIONAL PLACEMENT   -----					
2500510	TEMP INSTR PLACEMENT Temporary Instructional Placement	/Z			ANY FIELD

**SECTION 4: Exceptional Student Education  
Elementary, Middle/Junior, Senior High, and Adult Education**

**Area**

<b>Elementary Grades PreK-5.....</b>	<b>3</b>
Prekindergarten .....	3
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Miscellaneous .....	10
Therapy.....	11
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*NOTE: PK-5 courses that are daggered in this Section will be deleted in the 2012-13 Course Code Directory; grades 6-8 daggered courses will be deleted in 2013-14, and grades 9-12 daggered courses will be deleted in 2015-16.*

## Explanation of Courses for Students with Exceptionalities

This section of the directory contains course titles that are available for students with exceptionalities. This section lists only those courses that are different in content from those listed in other sections of this directory. In addition to the courses listed in this section of the Course Code Directory, students with exceptionalities may be enrolled in basic or career and technical courses.

### Course Numbers/Course Title/Certification Requirements

The following pages include the course numbers, course titles, and applicable certifications for prekindergarten, elementary and secondary exceptional student education (ESE) courses. Please note the following:

- Highly qualified teacher requirements apply to ESE teachers who are teaching core academic subjects identified in Section 4. Please see Section 1 for detailed information on these requirements.
- Speech, occupational, or physical therapists, who provide special education and/or related services, must hold a credential/certification coverage as noted below.
- For students who are deaf or hard-of-hearing (DHH), visually impaired (VI), or dual sensory impaired (DSI), in circumstances when: (1) the teacher is providing special education services to address a student's sensory impairment in accordance with the IEP through consultation or in class one-on-one; or (2) all the students enrolled in the course are either visually impaired, hearing impaired, or dual sensory impaired, the certification coverages noted below apply.

Student	Certification Coverage Required	
Students receiving Physical Therapy	LIC AS PHY THER	LIC AS PTA
Students receiving Occupational Therapy	LIC AS OCCUP THER OCCUP THER @6	LIC AS OTA
Students receiving Speech and/or Language Therapy	SPCH CORR @3@4@6 LIC SP LG PATH LIC SLPA	SP LG IMPRD 6 SP LG ASSOC 6
Students identified as Deaf or Hard of Hearing (DHH)	HEAR IMPRD 6	
Students identified as Visually Impaired (VI)	VISU IMPRD 6	
Students identified as Dual Sensory Impaired (DSI)	HEAR IMPRD 6 MNTL HNDCP @6	VISU IMPRD

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
PREKINDERGARTEN			
*7650030	PK DI SABS: 0-2 Preki ndergarten Di sabi l i t i es: Age 0-2	/Y	ESE 6/PREK DI SAB E MN TL HND CP @6/PREK DI SAB E EM TL HND CP @6/PREK DI SAB E SP C LRN DS @6/PREK DI SAB E SP CH CORR @6/PREK DI SAB E SP LG IMPR 6/PREK DI SAB E VAR YING EX @6/PREK DI SAB E HEAR IMPRD 6/PREK DI SAB E VI SU IMPRD 6/PREK DI SAB E PH YS IMPRD @6/PREK DI SAB E E CH IL D ED ! 0/PREK DI SAB E PR I M A R Y ED @B/PREK DI SAB E PR ESCH ED A PK PR I M A R Y H EL E M E N T A R Y (K-6) K/PREK DI SAB E IF CONTRACTED, IN ACCORDANCE WITH 6A-6.0361, FAC SEE SECTION 1 FOR SPECIFIC INFORMATION ON EXEMPTIONS TO THE ENDORSEMENT.
*7650130	PK DI SABS: 3-5 Preki ndergarten Di sabi l i t i es: Age 3-5	/Y	ESE 6/PREK DI SAB E MN TL HND CP @6/PREK DI SAB E EM TL HND CP @6/PREK DI SAB E SP C LRN DS @6/PREK DI SAB E SP CH CORR @6/PREK DI SAB E SP LG IMPR 6/PREK DI SAB E VAR YING EX @6/PREK DI SAB E HEAR IMPRD 6/PREK DI SAB E VI SU IMPRD 6/PREK DI SAB E PH YS IMPRD @6/PREK DI SAB E E CH IL D ED ! 0/PREK DI SAB E PR I M A R Y ED @B/PREK DI SAB E PR ESCH ED A PK PR I M A R Y H EL E M E N T A R Y (K-6) K/PREK DI SAB E CDA or CDA equivalent, in accordance wi th 6a-1.0502, F.A.C. IF CONTRACTED, IN ACCORDANCE WITH 6A-6.0361, FAC SEE SECTION 1 FOR SPECIFIC INFORMATION ON EXEMPTIONS TO THE ENDORSEMENT. IF CHILDREN ARE SERVED IN AN INCLUSIVE SETTING THROUGH A DISTRICT OPERATED HEADSTART, TITLE I, VPK EDUCATION OR SCHOOL READINESS PROGRAM, SEE SECTION 1.

## EXCEPTIONAL STUDENT EDUCATION ELEMENTARY

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
-----  ACADEMI CS-GENERAL  -----			
* <sup>a</sup> 7755010	ACAD: K-5 Academi cs: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7755040	ADV ACAD: K-5 GIFTED Advanced Academi cs: K-5 for Gi fted Students	/Y	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE

-----  
ACADEMI CS-SUBJECT AREAS

7701010	ART: K-5 Art: K-5	/Y	ART ED @3 @6 ESE 6 MNTL HNDCP @6 VARYING EX @6 ART 6 EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7710010	LANG ART: K-5 Language Arts: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710011	ACCESS LANG ART - K Access Language Arts - Ki ndergarten	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710012	ACCESS LANG ART - 1 Access Language Arts - Grade 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710013	ACCESS LANG ART - 2 Access Language Arts - Grade 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710014	ACCESS LANG ART - 3 Access Language Arts - Grade 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710015	ACCESS LANG ART - 4 Access Language Arts - Grade 4	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
∓7710016	ACCESS LANG ART - 5 Access Language Arts - Grade 5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6



SECTION 4

GRADES PK-5

EXCEPTIONAL STUDENT EDUCATION ELEMENTARY

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
*a7710020	READ: K-5 Reading: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 AND READING 6 OR READING E OR ELEM ED K OR ELEM ED @3 OR PRIMARY ED @B PRIMARY ED @B PK PRIMARY H IN GRADES K-3
*a7710030	COMMS: K-5 Communications: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7710040	SPELLING: K-5 Spelling: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7710050	WRIT: K-5 Writing: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712015	ACCESS MATH GRADE K Access Mathematics Grade Kindergarten	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712020	ACCESS MATH GRADE 1 Access Mathematics Grade 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712030	ACCESS MATH GRADE 2 Access Mathematics Grade 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712040	ACCESS MATH GRADE 3 Access Mathematics Grade 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712050	ACCESS MATH GRADE 4 Access Mathematics Grade 4	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7712060	ACCESS MATH GRADE 5 Access Mathematics Grade 5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7713010	MUS: K-5 Music: K-5	/Y	MUSIC 6 ESE 6 MNTL HNDCP @6 VARYING EX @6 MUSIC ED @3 EMTL HNDCP @6 SPC LRN DS @6
7715010	PE: K-5 Physical Education: K-5	/Y	PHYS ED 5 6 PHYS ED@5/@ADAPT PE E ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7720015	ACCESS SCI GRADE K Access Science Grade Kindergarten	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6

## EXCEPTIONAL STUDENT EDUCATION ELEMENTARY

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
*7720020	ACCESS SCI GRADE 1 Access Science Grade K	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7720030	ACCESS SCI GRADE 2 Access Science Grade K	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7720040	ACCESS SCI GRADE 3 Access Science Grade 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7720050	ACCESS SCI GRADE 4 Access Science Grade 4	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7720060	ACCESS SCI GRADE 5 Access Science Grade 5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7721010	SS: K-5 Social Studies: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721011	ACCESS SOC ST - K Access Social Studies - Kindergarten	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721012	ACCESS SOC ST - 1 Access Social Studies - Grade 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721013	ACCESS SOC ST - 2 Access Social Studies - Grade 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721014	ACCESS SOC ST - 3 Access Social Studies - Grade 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721015	ACCESS SOC ST - 4 Access Social Studies - Grade 4	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
¤7721016	ACCESS SOC ST - 5 Access Social Studies - Grade 5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7721020	SOC PERS: K-5 Social Personal: K-5	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6

## EXCEPTIONAL STUDENT EDUCATION ELEMENTARY

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
-----   SPECIAL COURSES   -----			
7755020	H/H ACAD U SKLS: PK-5 Hospital and Homebound Academic and Unique Skills: PK-5	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
*7763010	U SKLS: PK-5 Unique Skills: PK-5	/Z	ANY EXCEPT ED FIELD
*7763020	SPEECH AUD: PK-5 Speech and Auditory Training: PK-5	/Z	HEAR IMPRD 6 SP LG IMPR 6 SPCH CORR @6 LIC SP LG PATH
7763030	SPEECH THRPY: PK-5 Speech Therapy: PK-5	/Z	SPCH CORR @6 LIC SP LG PATH
7763040	LANG THRPY: PK-5 Language Therapy: PK-5	/Z	SPCH CORR @6 LIC SP LG PATH
7763050	OCCU THRPY: PK-5 Occupational Therapy: PK-5	/Z	LIC AS OCCUP THER LIC AS OTA OC THER AS OCCUP THER @6
7763060	ORIEN MOBLTY: PK-5 Orientation and Mobility: PK-5	/Z	VI SU IMPRD 6/ORIEN MOBL E
7763070	PHY THRPY: PK-5 Physical Therapy: PK-5	/Z	LIC AS PHY THER LIC AS PTA
*7763080	U SKLS VISION: PK-5 Unique Skills Vision: PK-5	/Z	VI SU IMPRD 6
*7763090	U SKLS HEAR IMP: PK-5 Unique Skills Hearing Impaired: PK-5	/Z	HEAR IMPRD 6

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NON-CREDIT

*7700010	THRP INSTR SPT: PK-5 Therapeutic Instructional Support: PK-5	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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## EXCEPTIONAL STUDENT EDUCATION MIDDLE/JUNIOR HIGH

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
-----   ACADEMIC GENERAL   -----			
* <sup>a</sup> 7855010	ACAD: 6-8 Academic: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7855030	ACAD SKLS: 6-8 Academic Skills: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
<sup>a</sup> 7855032	ACAD SKLS: 6-8 & CP Academic Skills: 6-8 & Career Planning	/Y	EMTL HNDCP @6 MNTL HNDCP @6 VARYING EX @6 ESE 6 SPC LRN DS @6
*7855040	ADV ACAD: 6-8 GIFTED Advanced Academic: 6-8 for Gifted Students	/Y	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE
*7855042	ADV ACAD: 6-8&CP GIFT Advanced Academic: 6-8 & Career Planning for Gifted Students	/Y	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE
* <sup>a</sup> 7855050	DEV SKLS: 6-8 Developmental Skills: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
-----   ACADEMIC SUBJECT AREAS   -----			
* <sup>a</sup> 7810010	LANG ART: 6-8 Language Arts: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
<sup>a</sup> 7810011	ACCESS M/J LA 1 Access M/J Language Arts 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
<sup>a</sup> 7810012	ACCESS M/J LA 2 Access M/J Language Arts 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
<sup>a</sup> 7810013	ACCESS M/J LA 3 Access M/J Language Arts 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7810020	READ: 6-8 Reading: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6 AND READING 6 OR READING E OR ELEMENTARY OR ELEMENTARY @3 BASED ON GRADE LEVEL OF STUDENTS

## SECTION 4

GRADES 6-8

## EXCEPTIONAL STUDENT EDUCATION MIDDLE/JUNIOR HIGH

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION	
▣7810021	ACCESS M/J INT READ1 Access M/J Intensive Reading 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
▣7810022	ACCESS M/J INT READ2 Access M/J Intensive Reading 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
▣7810023	ACCESS M/J INT READ3 Access M/J Intensive Reading 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7810030	COMMS: 6-8 Communi cations: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7812010	MATH: 6-8 Mathemati cs: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7812015	ACCESS M/J MATH 1 Access M/J Mathemati cs 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7812020	ACCESS M/J MATH 2 Access M/J Mathemati cs 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7812030	ACCESS M/J MATH 3 Access M/J Mathemati cs 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7820010	SCI ENCE: 6-8 Sci ence: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7820015	ACCESS M/J COMPSCI 1 Access M/J Comprehensi ve Sci ence 1	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7820016	ACCESS M/J COMPSCI 2 Access M/J Comprehensi ve Sci ence 2	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7820017	ACCESS M/J COMPSCI 3 Access M/J Comprehensi ve Sci ence 3	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
*7820020	HEALTH: 6-8 Heal th: 6-8	/Y	ANY EXCEPT ED FIELD	
* <sup>a</sup> 7821010	SS: 6-8 Soci al Studi es: 6-8	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6
* <sup>a</sup> 7821020	SS: 6-8 CAR PLAN Soci al Studi es: 6-8 & Career Pl anni ng	/Y	ESE 6 MNTL HNDCP @6	EMTL HNDCP @6 SPC LRN DS @6
▣7821021	ACCESS M/J CIVICS Access M/J Ci vi cs	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6	EMTL HNDCP @6 SPC LRN DS @6

## SECTION 4

GRADES 6-8

## EXCEPTIONAL STUDENT EDUCATION MIDDLE/JUNIOR HIGH

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
*7821022	ACCESS M/J WRLD HI ST Access M/J World Hi story	/Y	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7821030	CAR ED: 6-8 Career Education: 6-8	/S	ANY EXCEPT ED FIELD
7863002	Soc Per Skls Car Pla Social Personal Skills & Career Planning	/Y	ANY EXCEPT ED FIELD
7880010	EXPLOR VOC: 6-8 Exploratory Vocational: 6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE ANY EXCEPT ED FIELD

## |SPECIAL SKILLS COURSES|

*7863000	SOC PERS: 6-8 Social Personal: 6-8	/S	ANY EXCEPT ED FIELD
*7863010	U SKLS: 6-8 Unique Skills: 6-8	/S	ANY EXCEPT ED FIELD
*7863020	SPEECH AUD TRAIN: 6-8 Speech and Auditory Training: 6-8	/S	SPCH CORR @6 SP LG IMPR 6 LIC SP LG PATH HEAR IMPRD 6
7863060	ORIEN MOBLTY: 6-8 Orientation and Mobility: 6-8	/S	VISU IMPRD 6/ORIEN MOBL E
*7863080	U SKLS VISION: 6-8 Unique Skills Vision: 6-8	/S	VISU IMPRD 6
*7863090	LRNG STR: 6-8 Learning Strategies: 6-8	/S	ANY EXCEPT ED FIELD
*7863095	LRNG STR: 6-8 & C/P Learning Strategies: 6-8 & Career Planning	/S	EML HNDCP @6 MNTL HNDCP @6 VARYING EX @6 ESE 6 SPC LRN DS @6

## |MISCELLANEOUS|

7801010	V/P ARTS: 6-8 Visual and Performing Arts: 6-8	/S	ART ED @4 @6 MUSIC 6 ART 6 DRAMA 1 @4 ESE 6 MNTL HNDCP @6 MNTL HNDCP @6 SPC LRN DS @6 VARYING EX @6
7813010	MUS: 6-8 Music: 6-8	/S	MUSIC 6 ESE 6 MNTL HNDCP @6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6

## SECTION 4

GRADES 6-8

## EXCEPTIONAL STUDENT EDUCATION MIDDLE/JUNIOR HIGH

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	CERTIFICATION
7815010	PE: 6-8 Physical Education: 6-8	/S	PHYS ED @6 PHYS ED @5 PHYS ED@5/@ADAPT PE E PHYS ED@1/@ADAPT PE E ANY EXCEPT ED FIELD
-----   THERAPY   -----			
7866030	SPEECH THRPY: 6-8 Speech Therapy: 6-8	/Z	SPCH CORR @6 LIC SP LG PATH
7866040	LANG THRPY: 6-8 Language Therapy: 6-8	/Z	SPCH CORR @6 LIC SP LG PATH
7866050	OCCU THRPY: 6-8 Occupational Therapy: 6-8	/Z	LIC AS OCCUP THER
7866070	PHY THRPY: 6-8 Physical Therapy: 6-8	/Z	LIC AS OTA LIC AS PHY THER LIC AS PTA
-----   NON-CREDIT   -----			
7800010	THRP INSTR SPT: 6-8 Therapeutic Instructional Support: 6-8	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
7855020	HH INST SER: 6-8 Hospital and Homebound Instruc- tional Services: 6-8	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
-----   ACADEMICS - SUBJECT AREAS   -----					
*a7910100	READ: 9-12 Reading: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 AND READING 6 OR READING E OR ELEM ED K OR ELEM ED @3 BASED ON GRADE LEVEL OF STUDENTS EMTL HNDCP @6 SPC LRN DS @6
7910101	ACCESS INT READ 9/10 Access Intensive Reading 9/10	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7910102	ACCESS INT READ 11/12 Access Intensive Reading 11/12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7910110	ENG: 9-12 English: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7910111	ACCESS ENG 1/2 Access English 1/2	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7910112	ACCESS ENG 3/4 Access English 3/4	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7910390	LIF SKLS COM: 9-12 Life Skills Communication: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7910400	LIF SKLS READ: 9-12 Life Skills Reading: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 AND READ ENDORS/CERT OR ELEM HQT BASED ON GRADE LEVEL OF STUDENTS EMTL HNDCP @6 SPC LRN DS @6
*a7912050	MATH: 9-12 Math: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7912060	ACCESS INF GEOMETRY Access Informal Geometry	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7912070	ACCESS LIB ARTS MATH Access Liberal Arts Mathematics	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7912080	ACCESS ALGEBRA 1A Access Algebra 1A	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6



COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
*7912090	ACCESS ALGEBRA 1B Access Algebra 1B	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7912340	LIF SKLS MA: 9-12 Life Skills Math: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7920010	SCI: 9-12 Science: 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7920011	ACCESS CHEMISTRY 1 Access Chemistry 1	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7920015	ACCESS BIOLOGY 1 Access Biology 1	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7920020	ACCESS E/S SCI Access Earth/Space Science	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*7920025	ACCESS INTEG SCI 1 Access Integrated Science 1	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7920050	HEALTH SAFETY: 9-12 Health and Safety: 9-12	/M		MULTIPLE	ANY EXCEPT ED FIELD
*a7921010	SS: 9-12 Social Studies: 9-12	/M		MULTIPLE	ANY EXCEPT ED FIELD
▣7921015	ACCESS US GOVT Access United States Government	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
▣7921020	ACCESS ECON Access Economics	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
7921330	CAR ED: 9-12 Career Education: 9-12	/M		MULTIPLE	ANY EXCEPT ED FIELD
*7960010	LIF MGMT TRAN: 9-12 Life Management and Transition: 9-12	/M		MULTIPLE	ANY EXCEPT ED FIELD

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SUPPORTED LEVEL: 9-12

*a7961010	ACAD SKLS FNG LIV Academic Skills for Functional Living	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 PRIMARY ED @6 SPC LRN DS @6
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COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
*a7961020	COMM SKLS FNG LIV Communication Skills for Functional Living	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7961030	PERS HME SKL FNG LIV Personal and Home Skills for Functional Living	/M		MULTIPLE	VOC HME EC @4 FAM CON SC 1 ANY EXCEPT ED FIELD
*a7961040	LEIS REC SKL FNG LIV Leisure and Recreation Skills for Functional Living	/M		MULTIPLE	ANY EXCEPT ED FIELD
*a7961050	COMMU SOC SKL Community and Social Skills for Functional Living	/M		MULTIPLE	ANY EXCEPT ED FIELD

-----  
PARTICIPATORY LEVEL: 9-12

*a7962010	COGN LING SKLS Cognitive and Linguistic Skills	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6
*a7962020	LIF SUSTN ENVIR SKLS Life Sustaining and Environmental Interaction Skills	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 VARYING EX @6 EMTL HNDCP @6 SPC LRN DS @6 LIC AS OTA
*a7962030	LEIS REC IMPR SKLS Leisure/Recreation Skills for Improvement of Quality of Life	/M		MULTIPLE	LIC AS OCCUP THER ANY EXCEPT ED FIELD
*a7962040	DEV FNG MOTOR SKLS Developmental -Functional Motor and Sensory Skills	/M		MULTIPLE	ANY EXCEPT ED FIELD

-----  
SPECIAL SKILLS COURSES

*7963010	PREP PSTSCH AD LIV Preparation for Postschool Adult Living	/M		MULTIPLE	ANY EXCEPT ED FIELD
*7963030	SKLS STUS MO HE IMP Skills for Students who are Motor and Other Health Impaired	/M		MULTIPLE	ANY EXCEPT ED FIELD

EXCEPTIONAL STUDENT EDUCATION SENIOR HIGH, ADULT  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
*7963040	SKLS STU DF HARDHEAR Skills for Students who are Deaf or Hard of Hearing	/M		MULTIPLE	HEAR IMPRD 6
*7963050	SKLS STUS VISUAL IMP Skills for Students who are Visually Impaired	/M		MULTIPLE	VISU IMPRD 6
7963060	ORIEN MOBILITY SKLS Orientation and Mobility Skills	/M		MULTIPLE	VISU IMPRD 6/ORIEN MOB L E
*7963070	SOC PERS SKLS Social and Personal Skills	/M		MULTIPLE	ANY EXCEPT ED FIELD
*7963080	LRNG STRATEGIES Learning Strategies	/M		MULTIPLE	ANY EXCEPT ED FIELD
*7963090	SKLS STUS GIFTED Skills for Students who are Gifted	/M		MULTIPLE	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE
*7963110	SKLS STUS AUTISM Skills for Students with Autism	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 EMTL HNDCP @6 VARYING EX @6
*7963120	SKLS STUS OF D-BL Skills for Students who are Deaf-Blind	/M		MULTIPLE	HEAR IMPRD 6 VARYING EX @6 MNTL HNDCP @6 VISU IMPRD 6
*7963130	U SKLS Unique Skills	/M		MULTIPLE	ANY EXCEPT ED FIELD
*7963140	SELF-DETERMINATION Self-Determination	/M		MULTIPLE	ANY EXCEPT ED FIELD

-----  
MISCELLANEOUS

7915010	SPECI DESIGN PE Specially Designed Physical Education	/M		MULTIPLE	PHYS ED @1 @4 @5 @6 PHYS ED@1/@ADAPT PE E ESE 6 EMTL HNDCP @6 MNTL HNDCP @6 SPC LRN DS @6 VARYING EX @6
*7915015	ACCESS HOPE 9-12 Access Health Opportunities Through Physical Education 9-12	/M		MULTIPLE	ESE 6 MNTL HNDCP @6 EMTL HNDCP @6 SPC LRN DS @6 VARYING EX @6
7919010	DR ED SP LRNRS Driver Education for Special Learners	/M		MULTIPLE	ANY FIELD/DRIVER ED E ANY FIELD
7967010	VISUAL PERFORM Visual and Performing Arts	/M		MULTIPLE	ART 6 ART ED @4 MUSIC 6 DRAMA 1

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
-----   GIFTED   -----					
*7965010	MTH STUS GIFTED Research Methodology for Students who are Gifted	/M		MULTIPLE	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE
7965030	EXTRNSHP STUS GIFTED Externship for Students who are Gifted	/M		MULTIPLE	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE
*7965040	STUDIES STUS GIFTED Studies for Students who are Gifted	/M		MULTIPLE	GIFTED E/ACADEMIC COVERAGE REQUIRED FOR SUBJECT AND CONTENT OF COURSE

-----   THERAPY   -----						
7966010	PHY THERAPY Physical Therapy	/M		MULTIPLE	LIC AS PHY THER LIC AS PTA	
7966020	OCCU THERAPY Occupational Therapy	/M		MULTIPLE	LIC AS OCCUP THER LIC AS OTA	
7966030	SPEECH THRPY Speech Therapy	/M		MULTIPLE	SPCH CORR @6 LIC SP LG PATH	OCCUP THER @6 SP LG IMPR 6
7966040	LANG THERAPY Language Therapy	/M		MULTIPLE	SPCH CORR @6 LIC SP LG PATH	SP LG IMPR 6

-----  
CAREER AND TECHNICAL EDUCATION FOR STUDENTS WITH DISABILITIES

7980010	EXPLOR EDUCATION Exploratory Education	/M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
7980020	PRACTICAL ARTS ED Practical Arts Education	/M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
7980030	JOB PREP Job Preparatory Education	/M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE
7980110	CAR PREP Career Preparation	/M		MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE ANY EXCEPT ED FIELD
7980120	CAR EXPS Career Experiences	/M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE ANY EXCEPT ED FIELD
7980130	CAR PL Career Placement	/M	VO	MULTIPLE	ANY VOCATIONAL FIELD OR COVERAGE ANY EXCEPT ED FIELD

EXCEPTIONAL STUDENT EDUCATION SENIOR HIGH, ADULT  
COURSES MEETING

COURSE NUMBER	ABBREVIATED TITLE COURSE TITLE	COURSE LEVEL/LENGTH	SUBJECT AREA GRADUATION REQUIREMENTS	MAXIMUM CREDIT	CERTIFICATION
7980150	SUP COMPE EMPLOY Supported Competitive Employment	/M	VO	MULTIPLE	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
7980190	TECH ED Technology Education	/M	VO	MULTIPLE	TEC ED 1

-----  
NON-CREDIT

7900010	THRP INSTR SPT Therapeutic Instructional Support	/Z			ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
7900030	H/H INSTR SERVS Hospital/Homebound Instructional Services	/Z			ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

## **Section 5: Career and Technical Education (CTE) Vocational Career Path, Program and Course Listings**

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
-----					
AGRICULTURE, FOOD & NATURAL RESOURCES CAREER PATH					
-----					
FOOD PRODUCTS & PROCESSING SYSTEMS CAREER PATH (APGA)					
-----					
8129200	FOOD SCI APPL Food Science Applications	9-12, 30, 31 /			AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3		/Y	EQ	1.0
8129210	FOOD SCI APPL 2 Food Science Applications 2/Level 3		/Y	PA	1.0
8129220	FOOD SCI APPL 3 Food Science Applications 3/Level 2		/Y	VO	1.0
8500395	FOOD SCI TECH Food Science Technology/Level 2	9-12, 30, 31 /Y	VO		1.0 VOC HME EC @4 HOME EC @2 GEN HME EC @4 FAM CON SC 1
-----					
PLANT SYSTEMS CAREER PATH (AGPB)					
-----					
8818000	FLORAL DESIGN & MKT Floral Design and Marketing	9-12, 30, 31 /			DIST ED @7 TEACH CDE @7 MKTG MGMT @7 G RETAILING @7 G MKTG 1
8818010	FLORAL DSN & MKT 1 Floral Design and Marketing 1/Level 2		/Y	PA	1.0
8818020	FLORAL DSN & MKT 2 Floral Design and Marketing 2/Level 2		/Y	PA	1.0
8818030	FLORAL DSN & MKT 3 Floral Design and Marketing 3/Level 2		/Y	PA	1.0
8818040	FLORAL DSN & MKT 4 Floral Design and Marketing 4/Level 2		/Y	PA	1.0
8818050	FLORAL DSN & MKT 5 Floral Design and Marketing 5/Level 2		/Y	PA	1.0
8818060	FLORAL DSN & MKT 6 Floral Design and Marketing 6/Level 2		/Y	PA	1.0
M805030	FLORAL DESIGN & MKT Floral Design and Marketing	30, 31 /			RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G DIST ED @7 MKTG 1
ORH0060	DEL PERSON (FLORAL) Delivery Person (Floral)		/Y	PA	1.0
ORH0061	RETAIL SALES (FLORAL) Retail Sales (Floral)		/Y	PA	1.0

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
ORH0062	WEIGHERS, MEAS, RCDK Weighers, Measurers, Checkers, Samplers, and Recordkeeping	/Y	PA		1.0
ORH0063	FLORAL DSN (ASST) Floral Design (Assistant)	/Y	PA		1.0
ORH0064	FLORAL DESIGNER Floral Designer	/Y	PA		1.0
ORH0065	RETAIL MGR (FLORAL) Retail Manager (Floral)	/Y	PA		1.0
8121600	HORT SCI & SERS Horticulture Science & Services	9-12, 30, 31 /		AGRI CULTUR 1 @2	HORTI CULT #7
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 2	/Y	VO		1.0
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 2	/Y	PA		1.0
8121610	HORT SCI & SERS 4 Horticulture Science and Services 4 /Level 2	/Y	VO		1.0
8121620	HORT SCI & SERS 5 Horticulture Science and Services 5 /Level 2	/Y	VO		1.0
8121630	HORT SCI & SERS 6 Horticulture Science and Services 6 /Level 2	/Y	VO		1.0
<sup>a</sup> A010206	IRRIGATION OPS Irrigation Operations	30, 31 /		AGRI CULTUR 1 @2 HORTI CULT @7 G	AGRI @2
AOM0342	LAND & GROUNDS WRKS Landscaping and Groundskeeping Workers	/Y	VO		2.0
AOM0343	IRRIGATIONS OPS Irrigation Operations	/Y	VO		2.0
A010615	LAND MGMT Landscape Management	30, 31 /		AGRI @2 HORTI CULT @7 G	AGRI CULTUR 1 @2
ORH0885	LANDSCAPE SPEC Landscape Specialist	/Y	VO		2.0
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1	/Y	VO		3.0
ORH0887	LANDSCAPE CONTRACTOR Landscape Contractor	/Y	VO		1.0
8121300	LAND OPS Landscape Operations	9-12, 30, 31 /		AGRI CULTUR 1 @2	HORTI CULT #7



## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					AGRI HORTI CULT	AGRI CULTUR
8106810	AGSCIENCE FOUND 1 Agri science Foundations 1/Level 3	/Y	EQ	1.0		
8121510	INTROD HORT 2 Introductory Horticulture 2/Level 2	/Y	VO	1.0		
8121520	HORT SCIENCE 3 Horticultural Science 3/Level 2	/Y	PA	1.0		
8121310	LAND & TURF SCI 4 Landscape and Turf Science 4/Level 2	/Y	VO	1.0		
8121320	LAND & TURF SCI 5 Landscape and Turf Science 5/Level 2	/Y	VO	1.0		
8121330	LAND OPS 6 Landscape Operations 6/Level 2	/Y	VO	1.0		
A010616	NURSERY MGMT Nursery Management	30, 31	/		AGRI HORTI CULT	@2 @7 G
ORH0862	NURSERY WORKERS Nursery Workers		/Y	VO	2.0	
ORH0863	NURSERY & GRNHS MGR1 Nursery and Greenhouse Managers 1		/Y	VO	3.0	
ORH0864	NURSERY & GRNHS MGR2 Nursery and Greenhouse Managers 2		/Y	VO	1.0	
A01061R	NURSERY MGMT- APPR Nursery Management - Apprenticeship	30, 31	/			
A01062R	NURSERY TEC-APPR Nursery Technician - Apprenticeship	30, 31	/			
8106500	PLANT BIOTECH Plant Biotechnology	9-12, 30, 31	/		AGRI CULTUR	1 @2
8106810	AGSCIENCE FOUND 1 Agri science Foundations 1/Level 3	/Y	EQ	1.0		
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO	1.0		
8106510	PLANT BIOTECH 3 Plant Biotechnology 3/Level 3	/Y	VO	1.0		
A020607	SPRTS & REC TURF MGMT Sports and Recreational Turf Management	30, 31	/		AGRI HORTI CULT	@2 @7 G
ORH0885	LANDSCAPE SPEC Landscape Specialist		/Y	VO	2.0	
ORH0886	FIRST LINE SUPR/MGR1 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 1		/Y	VO	3.0	
ORH0897	FIRST LINE SUPR/MGR2 First Line Supervisors/Managers of Lands, Lawn Ser & Grounds 2		/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATI ON
			GRADUATI ON REQUI REMENTS		
8121400	SPRTS & REC TURF OPS Sports and Recreational Turf Operations	9-12, 30, 31 /			AGRI CULTUR 1 @2 HORTI CULT #7
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	EQ	1.0	
8121510	INTROD HORT 2 Introductory Horti cul ture 2/Level 2	/Y	VO	1.0	
8121520	HORT SCIENCE 3 Horti cul tural Sci ence 3/Level 2	/Y	PA	1.0	
8121310	LAND & TURF SCI 4 Landscape and Turf Sci ence 4/Level 2	/Y	VO	1.0	
8121320	LAND & TURF SCI 5 Landscape and Turf Sci ence 5/Level 2	/Y	VO	1.0	
8121410	SPRTS & REC TURF OPS6 Sports and Recreational Turf Operati ons 6/Level 2	/Y	VO	1.0	

## ANIMAL SYSTEMS CAREER PATH (AGPC)

8106100	ANIM BIOTECH Animal Bi otechnol ogy	9-12, 30, 31 /			AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	EQ	1.0	
8106850	AG BIOTECH 2 Agri cul tural Bi otechnol ogy 2/Level 3	/Y	VO	1.0	
8106120	ANIM BIOTECH 3 Animal Bi otechnol ogy 3/Level 3	/Y	VO	1.0	
8106200	ANIM SCI & SERV Animal Sci ence and Servi ces	9-12, 30, 31 /			AGRI CULTUR 1 @2 AGRI PROD #7
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	EQ	1.0	
8106210	ANIM SCI & SERS 2 Animal Sci ence and Servi ces 2/Level 2	/Y	VO	1.0	
8106220	ANIM SCI & SERS 3 Animal Sci ence and Servi ces 3/Level 2	/Y	VO	1.0	
8106230	ANIM SCI & SERS 4 Animal Sci ence and Servi ces 4/Level 2	/Y	VO	1.0	
8106240	ANIM SCI & SERS 5 Animal Sci ence and Servi ces 5/Level 2	/Y	VO	1.0	
8106250	ANIM SCI & SERS 6 Animal Sci ence and Servi ces 6/Level 2	/Y	VO	1.0	
8112000	AQUACULTURE Aquacul ture	9-12, 30, 31 /			AGRI CULTUR 1 @2

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	EQ		1.0
8112010	AQUACULTURE 2 Aquacul ture 2/Level 2	/Y	VO		1.0
8112020	AQUACULTURE 3 Aquacul ture 3/Level 2	/Y	VO		1.0
8115110	VET ASSIST Veteri nary Assi sti ng	9-12, 30, 31 /		AGRI CULTUR 1 @2	AG SUPPLI #7
8111510	VET ASSIST 1 Veteri nary Assi sti ng 1/Level 2	/Y	VO		1.0
8111540	VET ASSIST 2 Veteri nary Assi sti ng 2/Level 2	/Y	VO		1.0
8111550	VET ASSIST 3 Veteri nary Assi sti ng 3/Level 2	/Y	VO		1.0
8111520	VET ASSIST 4 Veteri nary Assi sti ng 4/Level 2	/Y	VO		1.0
8111530	VET ASSIST 5 Veteri nary Assi sti ng 5/Level 2	/Y	VO		1.0
A010512	VET ASSIST Veteri nary Assi sti ng	30, 31 /		AGRI @2 AG SUPPLI @7 G	AGRI CULTUR 1 @2
ATE0006	VET ASST & LAB ANI 1 Veteri nary Assi stants and Laboratory Animal Caretakers 1	/Y	VO		3.0
ATE0070	VET ASST & LAB ANI 2 Veteri nary Assi stants and Laboratory Animal Caretakers 2	/Y	VO		1.0
ATE0072	VET ASST Veteri nary Assi stant	/Y	VO		1.0

POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD)

8103400	AG MACH MECH Agri cul tural Machi nery Mechani cs	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agri sci ence Foundati ons 1/Level 3	/Y	EQ		1.0
8103120	AG MECH 2 Agri cul tural Mechani cs 2/Level 2	/Y	VO		1.0
8103130	AG MECH 3 Agri cul tural Mechani cs 3/Level 2	/Y	VO		1.0
8103410	AG MACH MECH 4 Agri cul tural Machi nery Mechani cs 4/ Level 2	/Y	VO		1.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8103420	AG MACH MECH 5 Agricultural Machinery Mechanics 5/ Level 2	/Y	VO		1.0
8103430	AG MACH MECH 6 Agricultural Machinery Mechanics 6/ Level 2	/Y	VO		1.0
8103200	AG MACH OPS Agricultural Machinery Operations	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2	/Y	VO		1.0
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2	/Y	VO		1.0
8103210	AG MACH OPS 4 Agricultural Machinery Operations 4 /Level 2	/Y	VO		1.0
8103300	DIV AG MECH Diversified Agricultural Mechanics	9-12, 30, 31 /		AGRI MECH #7	AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8103120	AG MECH 2 Agricultural Mechanics 2/Level 2	/Y	VO		1.0
8103130	AG MECH 3 Agricultural Mechanics 3/Level 2	/Y	VO		1.0
8103310	DIV AG MECH 4 Diversified Agricultural Mechanics 4/Level 2	/Y	VO		1.0
A020608	TURF EQ TECH-ATD Turf Equipment Technology-ATD	30, 31 /			
SER0004	OUTDR POWER EQUIP 1 Outdoor Power Equipment and Other Small Engine Mechanics 1	/Y	VO		2.5
SER0005	OUTDR POWER EQUIP 2 Outdoor Power Equipment and Other Small Engine Mechanics 2	/Y	VO		2.5
SER0006	OUTDR POWER EQUIP 3 Outdoor Power Equipment and Other Small Engine Mechanics 3	/Y	VO		1.5
A600100	WATER DIST SYS OPS Water Distribution Systems Operations	30, 31 /		WSP OPER @7 G	
EVS0240	WATER SYS OP LEVEL 3 Water System Operator Level 3	/S	VO		0.5

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
EVS0241	WATER SYS OP LEVEL 2 Water System Operator Level 2	/S	VO		0.5
EVS0242	WATER SYS OP LEVEL 1 Water System Operator Level 1	/S	VO		0.5
----- NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE) -----					
8118300	FORESTRY Forestry	9-12, 30, 31	/		
8106810	AGSCIENCE FOUND 1 Agri science Foundations 1/Level 3	/Y	EQ		1.0
8118310	FOR & NAT RES 2 Forestry and Natural Resources 2/ Level 2	/Y	VO		1.0
8118320	FOR & NAT RES 3 Forestry and Natural Resources 3/ Level 2	/Y	VO		1.0
8118330	FORESTRY 4 Forestry 4/Level 2	/Y	VO		1.0
A020408	PEST CON OPS-ATD Pest Control Operations-ATD	30, 31	/		
ORH0867	PESTICIDE HANDLERS 1 Pesticide Handlers, Sprayers and Applicators, Vegetation 1	/Y	VO		2.0
ORH0868	PESTICIDE HANDLERS 2 Pesticide Handlers, Sprayers and Applicators, Vegetation 2	/Y	VO		2.0
⌘X600600	ENERGY TECHNICIAN Energy Techni ci an	30, 31	/		
⌘ETP0090	ENERGY TECHNICIAN 1 Energy Techni ci an 1, Level 3	/Y	VO		2.0
⌘ETP0091	ENERGY TECHNICIAN 2 Energy Techni ci an 2, Level 3	/Y	VO		2.0
----- ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) -----					
P150509	ADV WATER TRTMT TECH Advanced Water Treatment Technol ogi es	30, 31	/		
EVS0355	MEMB WTR TREAT SPEC Membrane Water Treatment Speciali st	/Y	VO		2.0
EVS0357	HIGH PUR WTR TR SPEC Hi gh Puri ty Water Treatment Speciali st	/Y	VO		2.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATI ON	
			GRADUATI ON REQUI REMENTS			
<sup>a</sup> 8914000	AIR QUALITY TECH Air Quality Technology	9-12, 30, 31 /		AGRI CULTUR BI OLOGY	1 @2 1	WSP OPER @7 G
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2	/Y	VO		1.0	
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2	/Y	VO		1.0	
8914010	AIR QUALITY 3 Air Quality 3/Level 3	/Y	VO		1.0	
8113000	ENVIR RES Environmental Resources	9-12, 30, 31 /		AGRI CULTUR	1 @2	
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0	
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0	
8113010	ENVIR RES 3 Environmental Resources 3/Level 3	/Y	VO		1.0	
8113020	ENVIR RES 4 Environmental Resources 4/Level 3	/Y	VO		1.0	
8913000	LAND RES TECH Land Resources Technology	9-12, 30, 31 /		WSP OPER BI OLOGY	@7 G 1	AGRI CULTUR 1 @2
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2	/Y	VO		1.0	
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2	/Y	VO		1.0	
8913030	LAND RES 3 Land Resources 3/Level 3	/Y	VO		1.0	
8913040	LAND RES 4 Land Resources 4/Level 3	/Y	VO		1.0	
P440699	SOLID WASTE DISP OP Solid Waste Disposal Operation	30, 31 /		WASTE MGMT	G	WSP OPER @7 G
EVS0055	LANDFILL MANAGERS Landfill Managers	/S	VO		0.5	
P150527	WSTWTR TRTMT TECHS Wastewater Treatment Technologies	30, 31 /		WSP OPER	@7 G	
EVS0333	WSTWTR TREAT PL OP, C Wastewater Treatment Plant Operator, Level "C"	/Y	VO		1.0	
EVS0343	WSTWTR TREAT PL OP, B Wastewater Treatment Plant Operator, Level "B"	/S	VO		0.5	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA	GRADUATION REQUIREMENTS	
EVS0350	WSTWTR TREAT PL OP, A Wastewater Treatment Plant Operator, Level "A"	/S	VO		0.5
8916000	WATER RESOURCES TECH Water Resources Technology	9-12, 30, 31 /		WSP OPER @7 G BIOLOGY 1	AGRI CULTUR 1 @2
8913010	INTROD ENVIR TECH Introduction to Environmental Technology/Level 2	/Y	VO		1.0
8913020	ENVIR TECH 2 Environmental Technology 2/Level 2	/Y	VO		1.0
8916010	WATER QUALITY RES 3 Water Quality Resources 3/Level 3	/Y	VO		1.0
8916020	WATER QUALITY RES 4 Water Quality Resources 4/Level 3	/Y	VO		1.0
P150507	WATER TRTMT TECH Water Treatment Technologies	30, 31 /		WSP OPER @7 G	
EVS0133	WTR TREAT PL OP, C Water Treatment Plant Operator, Level "C"	/Y	VO		1.0
EVS0143	WTR TREAT PL OP, B Water Treatment Plant Operator, Level "B"	/S	VO		0.5
EVS0153	WTR TREAT PL OP, A Water Treatment Plant Operator, Level "A"	/S	VO		0.5

AGRI BUSINESS SYSTEMS CAREER PATH (AGPG)

8106600	AG BIOTECHNOLOGY Agricultural Biotechnology	9-12, 30, 31 /			AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8106850	AG BIOTECH 2 Agricultural Biotechnology 2/Level 3	/Y	VO		1.0
8106860	AG BIOTECH 3 Agricultural Biotechnology 3/Level 3	/Y	VO		1.0
8117000	AG COMM Agricultural Communications	9-12, 30, 31 /			AGRI CULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8117010	AG COM 2 Agricultural Communications 2/Level 2	/Y	PA		1.0

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			GRADUATION REQUIREMENTS		
8117020	AG COM 3 Agricultural Communications 3/Level 2	/Y	PA		1.0
8116000	AG SALES & SERS Agricultural Sales and Services	9-12, 30, 31 /			AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8116010	AG SALES & SERS 2 Agricultural Sales and Services 2/ Level 2	/Y	VO		1.0
8116020	AG SALES & SERS 3 Agricultural Sales and Services 3/ Level 2	/Y	PA		1.0
8106800	AGRI TECH Agriculture Technology	9-12, 30, 31 /		AGRI PROD #7	AGRICULTUR 1 @2
8106810	AGSCIENCE FOUND 1 Agriculture Foundations 1/Level 3	/Y	EQ		1.0
8106820	AGRI TECH 1 Agriculture Technology 1/Level 2	/Y	VO		1.0
8106830	AGRI TECH 2 Agriculture Technology 2/Level 2	/Y	VO		1.0

SUPPLEMENTAL PROGRAMS

8100330	ADV CONCS AGSCI Advanced Concepts of Agriculture/ Level 2	11-12, 30, 31/Y	VO		1.0	AGRICULTUR 1 @2
8199990	AGRI BUS ED TRAN Agriculture Business Education Transfer	9-12, 30, 31 /				NA
A010000	AGRI BUS ED TRANSFER Agriculture Business Education Transfer	30, 31 /				NA
8100410	AGRI CULT COOP ED-OJT Agriculture Cooperative Education- OJT	9-12, 30, 31 /M	VO	MULTIPLE		AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
A019999	AGRI CUL COOP ED-OJT Agriculture Cooperative Education- OJT	30, 31 /				AGRI @2 ANY AGRICULTURE EDUC G AGRICULTUR 1 @2
8100100	AG ED DIR STUDY Agriculture Education Directed Study	11-12, 30, 31/M	VO	MULTIPLE		AGRICULTUR 1 @2 ANY AGRICULTURE EDUC G
8100210	EX OF AGRI SCI Exploration of Agriculture	6-8, 30, 31 /S	VO		0.5	EXP AG @4 AGRICULTUR 1 @2
8100320	FUND AGSCI Fundamentals of Agriculture/Level 2	9-12, 30, 31 /Y	VO		1.0	AGRICULTUR 1 @2



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					CLUSTER	COURSES
8100120	INTROD TO AGSCI Introducti on to Agri sci ence	6-8, 30, 31 /S	VO	0.5 EXP AG @4	AGRI CULTUR	1 @2
8100310	ORIEN TO AGSCI Orientati on to Agri sci ence	6-8, 30, 31 /S	VO	0.5 EXP AG @4	AGRI CULTUR	1 @2
8100110	ORIEN TO AGSCI & C P Orientati on to Agri sci ence and Career Pl anni ng	6-8, 30, 31 /S	VO	0.5 EXP AG @4	AGRI CULTUR	1 @2

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ARCHITECTURE & CONSTRUCTION CAREER CLUSTER

DESIGN/PRE-CONSTRUCTION CAREER PATH (ACPA)

8725400	ARCH DRAFT Archi tectural Drafti ng	9-12, 30, 31 /			BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafti ng 1/Level 2	/Y	PA	1.0		
8725020	DRAFTING 2 Drafti ng 2/Level 2	/Y	PA	1.0		
8725030	DRAFTING 3 Drafti ng 3/Level 3	/Y	PA	1.0		
8725040	DRAFTING 4 Drafti ng 4/Level 3	/Y	PA	1.0		
8725450	ARCH DRAFTING 5 Archi tectural Drafti ng 5/Level 3	/Y	PA	1.0		
8725460	ARCH DRAFTING 6 Archi tectural Drafti ng 6/Level 3	/Y	PA	1.0		
8725470	ARCH DRAFTING 7 Archi tectural Drafti ng 7/Level 3	/Y	PA	1.0		
8725480	ARCH DRAFTING 8 Archi tectural Drafti ng 8/Level 3	/Y	PA	1.0		
8725490	ARCH DRAFTING 9 Archi tectural Drafti ng 9/Level 3	/Y	PA	1.0		
8725491	ARCH DRAFTING 10 Archi tectural Drafti ng 10/Level 3	/Y	PA	1.0		
8725492	ARCH DRAFTING 11 Archi tectural Drafti ng 11/Level 3	/Y	PA	1.0		
8725493	ARCH DRAFTING 12 Archi tectural Drafti ng 12/Level 3	/Y	PA	1.0		
8725494	ARCH DRAFTING 13 Archi tectural Drafti ng 13/Level 3	/Y	PA	1.0		

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					TEC CONSTR	TEC DRAFT
1480112	ARCH DRAFTING Architectural Drafting	30, 31	/		DRAFTING @7 G BLDG CONST @7 G	TEC CONSTR @7 G TEC DRAFT @7 G
TDR0070	BLUEPRINT READER Blueprint Reader		/Y PA	1.0		
TDR0370	DRAFTING ASST Drafting Assistant		/Y VO	3.0		
TDR0371	ARCH DETAILER Architectural Detailer		/Y PA	2.0		
TDR0571	ARCH CAD DRAFTER 1 Architectural CAD Drafter 1		/Y PA	1.5		
TDR0572	ARCH CAD DRAFTER 2 Architectural CAD Drafter 2		/Y PA	1.5		
TDR0573	DRAFTER ARCH 1 Drafter Architectural 1		/Y PA	2.0		
TDR0574	DRAFTER ARCH 2 Drafter Architectural 2		/Y PA	2.0		
8725600	BLUEPR READ & EST Blueprint Reading and Estimation	9-12, 30, 31	/		TEC CONSTR @7 G DRAFTING @7 G BLU PR RDG @7 G	CARPENTRY @7 G BLDG CONST @7 G
8725610	BLUEPR READ & EST Blueprint Reading and Estimation/ Level 2		/Y PA	1.0		
1469919	BLUEPRINT READ & EST Blueprint Reading and Estimation	30, 31	/		TEC CONSTR @7 G DRAFTING @7 G BLU PR RDG @7 G	CARPENTRY @7 G BLDG CONST @7 G
BCV0044	COST ESTIMATOR Cost Estimator		/Y PA	1.0		
8722000	BLDG TR & CONST DSN Building Trades and Construction Design Technology	9-12, 30, 31	/		BLDG MAINT @7 G PLUMBING @7 G AC HEAT ME @7 G DRAFTING @7 G TEC CONSTR @7 G TEC DRAFT @7 G TEC ED 1	TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G CARPENTRY @7 G ROOFING @7 G
8722010	BLDG TR & CDT 1 Building Trades and Construction Design Technology 1/Level 2		/Y VO	1.0		
8722020	BLDG TR & CDT 2 Building Trades and Construction Design Technology 2/Level 2		/Y VO	1.0		
8722030	BLDG TR & CDT 3 Building Trades and Construction Design Technology 3/Level 2		/Y PA	1.0		

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
8722040	BLDG TR & CDT 4 Building Trades and Construction Design Technology 4/Level 2		/Y	VO	1.0
8722050	BLDG TR & CDT 5 Building Trades and Construction Design Technology 5/Level 2		/Y	VO	1.0
8722060	BLDG TR & CDT 6 Building Trades and Construction Design Technology 6/Level 2		/Y	PA	1.0
C100100	BLDG TR & CONST DSN Building Trades and Construction Design Technology	30, 31	/		BLDG MAINT @7 G PLUMBING @7 G AC HEAT ME @7 G DRAFTING @7 G CARPENTRY @7 G ROOFING @7 G TEC CONSTR @7 G TROWEL TR @7 G ELECTRICAL @7 G BLDG CONST @7 G SHEETMETAL @7 G TEC DRAFT @7 G TEC ED 1
BCV0080	BLDG CONSTR ASST Building Construction Assistant		/Y	PA	3.0
BCV0081	CARP & MASONRY TECH Carpentry and Masonry Technician		/Y	VO	1.0
BCV0082	ELEC & PLUMBING TECH Electrical and Plumbing Technician		/Y	VO	1.0
BCV0083	AIR COND & PAINT TEC Air Conditioning and Painting Technician		/Y	PA	1.0
8915000	CIVIL ENGR AIDE Civil Engineering Aide	9-12, 30, 31	/		TEC CONSTR @7 G SURVEY @7 G TEC EN AID @7 G
8915010	CIVIL ENGR AIDE 1 Civil Engineering Aide 1/Level 2		/Y	VO	1.0
8915020	CIVIL ENGR AIDE 2 Civil Engineering Aide 2/Level 2		/Y	VO	1.0
8915030	CIVIL ENGR AIDE 3 Civil Engineering Aide 3/Level 2		/Y	VO	1.0
8915040	CIVIL ENGR AIDE 4 Civil Engineering Aide 4/Level 2		/Y	VO	1.0
8725000	DRAFTING Drafting	9-12, 30, 31	/		BLDG CONST @7 G TEC DRAFT @7 G DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2		/Y	PA	1.0
8725020	DRAFTING 2 Drafting 2/Level 2		/Y	PA	1.0
8725030	DRAFTING 3 Drafting 3/Level 3		/Y	PA	1.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TEC	BLDG
8725040	DRAFTING 4		/Y PA	1.0		
8725040	Drafting 4/Level 3					
8725040	DRAFTING PSAV	30, 31	/		DRAFTING @7 G	TEC CONSTR @7 G
8725040	Drafting PSAV				BLDG CONST @7 G	TEC DRAFT @7 G
TDR0070	BLUEPRINT READER		/Y PA	1.0		
TDR0070	Blueprint Reader					
TDR0370	DRAFTING ASST		/Y VO	3.0		
TDR0370	Drafting Assistant					
TDR0775	DRAFTING DETAILER 1		/Y VO	1.0		
TDR0775	Drafting Detailer 1					
TDR0776	DRAFTING DETAILER 2		/Y VO	1.0		
TDR0776	Drafting Detailer 2					
TDR0570	ARCHITECTURAL DRAFT		/Y VO	1.0		
TDR0570	Architectural Drafter					
TDR0874	CIVIL DRAFTER		/Y VO	1.0		
TDR0874	Civil Drafter					
TDR0777	MECHANICAL DRAFTER		/Y VO	1.0		
TDR0777	Mechanical Drafter					
TDR0875	STRUCTURAL DRAFTER		/Y VO	1.0		
TDR0875	Structural Drafter					
8725200	ELECTRICAL DRAFT	9-12, 30, 31	/		BLDG CONST @7 G	DRAFTING @7 G
8725200	Electrical Drafting				TEC DRAFT @7 G	TEC CONSTR @7 G
8725010	DRAFTING 1		/Y PA	1.0		
8725010	Drafting 1/Level 2					
8725020	DRAFTING 2		/Y PA	1.0		
8725020	Drafting 2/Level 2					
8725030	DRAFTING 3		/Y PA	1.0		
8725030	Drafting 3/Level 3					
8725040	DRAFTING 4		/Y PA	1.0		
8725040	Drafting 4/Level 3					
8725210	ELEC DRAFTING 5		/Y PA	1.0		
8725210	Electrical Drafting 5/Level 2					
8725220	ELEC DRAFTING 6		/Y PA	1.0		
8725220	Electrical Drafting 6/Level 2					
8725230	ELEC DRAFTING 7		/Y PA	1.0		
8725230	Electrical Drafting 7/Level 2					
8725240	ELEC DRAFTING 8		/Y PA	1.0		
8725240	Electrical Drafting 8/Level 2					
8725240	ELECTRICAL DRAFTING	30, 31	/		DRAFTING @7 G	BLDG CONST @7 G
8725240	Electrical Drafting				TEC DRAFT @7 G	TEC CONSTR @7 G
TDR0070	BLUEPRINT READER		/Y PA	1.0		
TDR0070	Blueprint Reader					
TDR0370	DRAFTING ASST		/Y VO	3.0		
TDR0370	Drafting Assistant					

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			GRADUATION REQUIREMENTS		
TDR0661	DRAFTER, ELECT 1 Drafter, Electrical 1	/Y	PA		2.0
TDR0662	DRAFTER, ELECT 2 Drafter, Electrical 2	/Y	PA		2.0
8725100	ELECTRONIC DRAFT Electronic Drafting	9-12, 30, 31 /			
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA		1.0
8725020	DRAFTING 2 Drafting 2/Level 2	/Y	PA		1.0
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA		1.0
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA		1.0
8725110	ELECTRONIC DRAFT 5 Electronic Drafting 5/Level 2	/Y	PA		1.0
8725120	ELECTRONIC DRAFT 6 Electronic Drafting 6/Level 2	/Y	PA		1.0
8725130	ELECTRONIC DRAFT 7 Electronic Drafting 7/Level 2	/Y	PA		1.0
8725140	ELECTRONIC DRAFT 8 Electronic Drafting 8/Level 2	/Y	PA		1.0
AI 480115	ELECTRONIC DRAFTING Electronic Drafting	30, 31 /			
TDR0070	BLUEPRINT READER Blueprint Reader	/Y	PA		1.0
TDR0370	DRAFTING ASST Drafting Assistant	/Y	VO		3.0
TDR0671	DRAFTER, ELECTR 1 Drafter, Electronics 1	/Y	PA		2.0
TDR0672	DRAFTER, ELECTR 2 Drafter, Electronics 2	/Y	PA		2.0
8725300	MECHANICAL DRAFT Mechanical Drafting	9-12, 30, 31 /			
8725010	DRAFTING 1 Drafting 1/Level 2	/Y	PA		1.0
8725020	DRAFTING 2 Drafting 2/Level 2	/Y	PA		1.0
8725030	DRAFTING 3 Drafting 3/Level 3	/Y	PA		1.0
8725040	DRAFTING 4 Drafting 4/Level 3	/Y	PA		1.0
8725310	MECHANICAL DRAFT 5 Mechanical Drafting 5/Level 2	/Y	PA		1.0

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					TECHNICAL	INDUSTRIAL
8725320	MECHANICAL DRAFT 6 Mechanical Drafting 6/Level 2		/Y PA	1.0		
8725330	MECHANICAL DRAFT 7 Mechanical Drafting 7/Level 2		/Y PA	1.0		
8725340	MECHANICAL DRAFT 8 Mechanical Drafting 8/Level 2		/Y PA	1.0		
8725350	MECHANICAL DRAFT 9 Mechanical Drafting 9/Level 2		/Y PA	1.0		
8725360	MECHANICAL DRAFT 10 Mechanical Drafting 10/Level 2		/Y PA	1.0		
8725370	MECHANICAL DRAFT 11 Mechanical Drafting 11/Level 2		/Y PA	1.0		
8725380	MECHANICAL DRAFT 12 Mechanical Drafting 12/Level 2		/Y PA	1.0		
8725390	MECHANICAL DRAFT 13 Mechanical Drafting 13/Level 2		/Y PA	1.0		
AI 480116	MECH DRAFTING Mechanical Drafting	30, 31	/		DRAFTING @7 G TEC DRAFT @7 G	BLDG CONST @7 G TEC CONSTR @7 G
TDR0070	BLUEPRINT READER Blueprint Reader		/Y PA	1.0		
TDR0370	DRAFTING ASST Drafting Assistant		/Y VO	3.0		
TDR0770	DRAFTING DETAILER Drafting Detailer		/Y PA	1.0		
TDR0771	MECH CAD DRAFTER 1 Mechanical CAD Drafter 1		/Y PA	1.5		
TDR0772	MECH CAD DRAFTER 2 Mechanical CAD Drafter 2		/Y PA	1.5		
TDR0773	DRAFTER, MECH 1 Drafter, Mechanical 1		/Y PA	2.0		
TDR0774	DRAFTER, MECH 2 Drafter, Mechanical 2		/Y PA	2.0		
8725500	STRUCT DRAFT Structural Drafting	9-12, 30, 31	/		BLDG CONST @7 G TEC DRAFT @7 G	DRAFTING @7 G TEC CONSTR @7 G
8725010	DRAFTING 1 Drafting 1/Level 2		/Y PA	1.0		
8725020	DRAFTING 2 Drafting 2/Level 2		/Y PA	1.0		
8725030	DRAFTING 3 Drafting 3/Level 3		/Y PA	1.0		
8725040	DRAFTING 4 Drafting 4/Level 3		/Y PA	1.0		
8725550	STRUCT DRAFTING 5 Structural Drafting 5/Level 2		/Y PA	1.0		

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			GRADUATION REQUIREMENTS		
8725560	STRUCT DRAFTING 6 Structural Drafting 6/Level 2		/Y	PA	1.0
8725570	STRUCT DRAFTING 7 Structural Drafting 7/Level 2		/Y	PA	1.0
8725580	STRUCT DRAFTING 8 Structural Drafting 8/Level 2		/Y	PA	1.0
8725590	STRUCT DRAFTING 9 Structural Drafting 9/Level 2		/Y	PA	1.0
8725591	STRUCT DRAFTING 10 Structural Drafting 10/Level 2		/Y	PA	1.0
8725592	STRUCT DRAFTING 11 Structural Drafting 11/Level 2		/Y	PA	1.0
8725593	STRUCT DRAFTING 12 Structural Drafting 12/Level 2		/Y	PA	1.0
1480113	STRUCTURAL DRAFTING Structural Drafting	30, 31	/		
TDR0070	BLUEPRINT READER Blueprint Reader		/Y	PA	1.0
TDR0370	DRAFTING ASST Drafting Assistant		/Y	VO	3.0
TDR0870	DRAFTER, CARTOGRAPH Drafter, Cartographic		/Y	PA	2.0
TDR0871	DRAFTER, CIVIL 1 Drafter, Civil 1		/Y	PA	2.0
TDR0872	DRAFTER, CIVIL 2 Drafter, Civil 2		/Y	PA	2.0
TDR0873	DRAFTER, STRUCTURAL Drafter, Structural		/Y	PA	2.0
I150203	SURVEY & MAP TECH Surveying and Mapping Technology	30, 31	/		
SUR0130	SURVEYING RODMAN Surveying Rodman		/Y	VO	3.0
SUR0132	SURVEY ASST, INSTRU Survey Assistant, Instrument		/Y	VO	3.0
SUR0134	SURVEY PARTY CHIEF Survey Party Chief		/Y	VO	3.0
I15020R	SUR & MAP TECH APPR Surveying and Mapping Technology - Apprenticeship	30, 31	/		

DRAFTING @7 G BLDG CONST @7 G  
TEC DRAFT @7 G TEC CONSTR @7 G

TEC CONSTR ¶7 ¶G SURVEY @7 G

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
----- CONSTRUCTION CAREER PATH (ACPB) -----					
8723000	A/C, REFG & HT TECH Air Condi ti oni ng, Refri gerati on and Heating Technol ogy	9-12, 30, 31 /			AC HEAT ME @7 G      REFRG MECH @7 G
8713010	A/C, REFG & HT TECH 1 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 1/Level 2	/Y	VO	1.0	
8713020	A/C, REFG & HT TECH 2 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 2/Level 2	/Y	VO	1.0	
8713030	A/C, REFG&HT TECH 3 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 3/Level 2	/Y	VO	1.0	
8713040	A/C, REFG&HT TECH 4 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 4/Level 2	/Y	VO	1.0	
8713050	A/C, REFG&HT TECH 5 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 5/Level 2	/Y	VO	1.0	
8713060	A/C, REFG&HT TECH 6 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 6/Level 2	/Y	VO	1.0	
8713070	A/C, REFG&HT TECH 7 Air Condi ti oni ng, Refri gerati on and Heating Technol ogy 7/Level 2	/Y	VO	1.0	
I 470203	AIR COND, REF, HEAT Air Condi ti oni ng, Refri gerati on and Heating Technol ogy	30, 31 /			AC HEAT ME @7 G      REFRG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Condi ti oni ng, Refri gerati on and Heating Hel per	/Y	VO	1.5	
ACR0043	AC, REFG & HEAT MECH Air Condi ti oni ng, Refri gerati on and Heating Mechani c Assi stant	/Y	VO	1.5	
ACR0047	AC, REFG & HEAT MECH1 Air Condi ti oni ng, Refri gerati on and Heating Mechani c 1	/Y	VO	1.5	
ACR0049	AC, REFG & HEAT MECH2 Air Condi ti oni ng, Refri gerati on and Heating Mechani c 2	/Y	VO	1.5	



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			GRADUATION REQUIREMENTS		
ACR0044	AC, REFG & HEAT TECH Air Condi ti oni ng, Refri gerati on and Heati ng Techni ci an	/Y	VO		2.0
I 14721R	AC, REFG & HT TECH-APP Air Condi ti oni ng, Refri gerati on and Heati ng Technol ogy - Appren ti ceshi p	30, 31	/		
C400100	AIR COND, REF, HEAT1 Air Condi ti oni ng, Refri gerati on and Heati ng Technol ogy 1	30, 31	/	AC HEAT ME @7 G	REFRIG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Condi ti oni ng, Refri gerati on and Heati ng Hel per	/Y	VO		1.5
ACR0043	AC, REFG & HEAT MECH Air Condi ti oni ng, Refri gerati on and Heati ng Mechani c Assi stant	/Y	VO		1.5
ACR0047	AC, REFG & HEAT MECH1 Air Condi ti oni ng, Refri gerati on and Heati ng Mechani c 1	/Y	VO		1.5
C400200	AIR COND, REF, HEAT2 Air Condi ti oni ng, Refri gerati on and Heati ng Technol ogy 2	30, 31	/	AC HEAT ME @7 G	REFRIG MECH @7 G
ACR0049	AC, REFG & HEAT MECH2 Air Condi ti oni ng, Refri gerati on and Heati ng Mechani c 2	/Y	VO		1.5
ACR0044	AC, REFG & HEAT TECH Air Condi ti oni ng, Refri gerati on and Heati ng Techni ci an	/Y	VO		2.0
I 47021R	AIR COND, REF, HT-APPR Air Condi ti oni ng, Refri gerati on and Heati ng Technol ogy-Appren ti ceshi p	30, 31	/		
8722900	BRK & BLOCK MASONRY Bri ck and Bl ock Masonry	9-12, 30, 31	/	BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G
8722610	MASONRY 1 Masonry 1/Level 2	/Y	VO		1.0
8722620	MASONRY 2 Masonry 2/Level 2	/Y	VO		1.0
8722630	MASONRY 3 Masonry 3/Level 2	/Y	VO		1.0
8722640	MASONRY 4 Masonry 4/Level 2	/Y	VO		1.0
8722650	MASONRY 5 Masonry 5/Level 2	/Y	VO		1.0
I 463112	BRK & BLK MASONRY Bri ck and Bl ock Masonry	30, 31	/	BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G

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			SUBJECT AREA GRADUATION REQUIREMENTS		
BCV0330	MASONRY TENDER Masonry Tender		/Y	VO	3.0
BCV0360	BRICKLAYER HELPER Bricklayer Helper		/Y	VO	2.0
BCV0362	BRICKMASON 1 Brickmason 1		/Y	VO	3.0
BCV0363	BRICKMASON 2 Brickmason 2		/Y	VO	3.0
I46311R	BRK & BLK MAS - APPR Brick and Block Masonry - Apprenticeship	30, 31	/		
I46312R	BRK & TILE MASON-APPR Brick and Tile Masonry - Apprenticeship	30, 31	/		
I46040R	BLDG CONST TECH-APPR Building Construction Technologies - Apprenticeship	30, 31	/		
8720300	BLDG CONST TECH Building Construction Technology	9-12, 30, 31	/		BLDG CONST @7 G TROWEL TR @7 G PLUMBING @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @7 G
8720310	BLDG CONST TECH 1 Building Construction Technology 1/ Level 2		/Y	VO	1.0
8720320	BLDG CONST TECH 2 Building Construction Technology 2/ Level 2		/Y	VO	1.0
8720330	BLDG CONST TECH 3 Building Construction Technology 3/ Level 2		/Y	VO	1.0
8720340	BLDG CONST TECH 4 Building Construction Technology 4/ Level 2		/Y	VO	1.0
8720350	BLDG CONST TECH 5 Building Construction Technology 5/ Level 2		/Y	VO	1.0
8720360	BLDG CONST TECH 6 Building Construction Technology 6/ Level 2		/Y	VO	1.0
8720370	BLDG CONST TECH 7 Building Construction Technology 7/ Level 2		/Y	VO	1.0

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I 460401	BLDG CONST TECH Bui l di ng Constructi on Technol ogy	30, 31 /			BLDG CONST @7 G TROWEL TR @7 G PLUMBIN @7 G ELECTRICAL @7 G AC HEAT ME @7 G TEC CONSTR @7 G	BLDG MAINT @7 G CARPENTRY @7 G DRAFTING @7 G SHEETMETAL @7 G TEC DRAFT @7 G
BCV0400	BLDG CONST HLP Bui l di ng Constructi on Hel per	/Y	VO	3.0		
BCV0401	BLDG CONST TECH 1 Bui l di ng Constructi on Techni ci an 1	/Y	VO	2.0		
BCV0402	BLDG CONST TECH 2 Bui l di ng Constructi on Techni ci an 2	/Y	VO	2.0		
8720100	CABI NETMAKI NG Cabi netmaki ng	9-12, 30, 31 /			CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
8722110	CARP & CAB MAKING 1 Carpentry and Cabi netmaki ng 1/Level 2	/Y	VO	1.0		
8722120	CARP & CAB MAKING 2 Carpentry and Cabi netmaki ng 2/Level 2	/Y	VO	1.0		
8722130	CARP & CAB MAKING 3 Carpentry and Cabi netmaki ng 3/Level 3	/Y	VO	1.0		
8720140	CABI NETMAKI NG 4 Cabi netmaki ng 4/Level 2	/Y	VO	1.0		
8720150	CABI NETMAKI NG 5 Cabi netmaki ng 5/Level 2	/Y	VO	1.0		
I 480704	CABI NETMAKI NG Cabi netmaki ng	30, 31 /			CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Hel per	/Y	VO	2.0		
BCV0235	CABI NET FINI SHER Cabi net Fi ni sher	/Y	VO	1.0		
BCV0240	CABI NET ASSEMBLER Cabi net Assembl er	/Y	VO	2.0		
BCV0243	CABI NETMAKER Cabi netmaker	/Y	VO	3.0		
8722100	CARPENTRY Carpentry	9-12, 30, 31 /			CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
8722110	CARP & CAB MAKING 1 Carpentry and Cabi netmaki ng 1/Level 2	/Y	VO	1.0		
8722120	CARP & CAB MAKING 2 Carpentry and Cabi netmaki ng 2/Level 2	/Y	VO	1.0		
8722130	CARP & CAB MAKING 3 Carpentry and Cabi netmaki ng 3/Level 3	/Y	VO	1.0		
8722140	CARP 4 Carpentry 4/Level 3	/Y	VO	1.0		

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					TECHNICAL	CAREER
8722150	CARP 5 Carpentry 5/Level 3	/Y	VO	1.0		
8722160	CARP 6 Carpentry 6/Level 3	/Y	VO	1.0		
8722170	CARP 7 Carpentry 7/Level 3	/Y	VO	1.0		
I 460202	CARPENTRY Carpentry	30, 31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Hel per	/Y	VO	2.0		
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter	/Y	VO	2.0		
BCV0122	CARPENTER, ROUGH Carpenter, Rough	/Y	VO	3.0		
BCV0128	CARPENTER Carpenter	/Y	VO	1.0		
I 46020R	CARPENTRY - APPR Carpentry - Apprenti ceshi p	30, 31	/			
C510100	CARPENTRY 1 Carpentry 1	30, 31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0107	CARPENTER HELPER Carpenter Hel per	/Y	VO	2.0		
BCV0111	TRIM & FINISH CARP Trim and Finish Carpenter	/Y	VO	2.0		
C510200	CARPENTRY 2 Carpentry 2	30, 31	/		CAB WOODWK @7 G BLDG CONST @7 G	CARPENTRY @7 G TEC CONSTR @7 G
BCV0122	CARPENTER, ROUGH Carpenter, Rough	/Y	VO	3.0		
BCV0128	CARPENTER Carpenter	/Y	VO	1.0		
I 460407	CMCL & INDUS INSUL Commerci al and Industri al Insul ati on	30, 31	/		TEC CONSTR ¶7 ¶G INSULAT @7 G	BLDG CONST ¶7 ¶G
BCV0190	INSULATION WORKER 1 Insul ati on Worker 1	/Y	VO	2.5		
BCV0191	INSULATION WORKER 2 Insul ati on Worker 2	/Y	VO	2.5		
BCV0192	INSULATION WORKER 3 Insul ati on Worker 3	/S	VO	2.5		
I 46042R	CMCL&INDUSI NSUL-APPR Commerci al and Industri al Insul ati on - Apprenti ceshi p	30, 31	/			
8722600	CONCRETE MASONRY Concrete Masonry	9-12, 30, 31	/		BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G

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					BLDG CONST	TEC CONSTR
8722610	MASONRY 1 Masonry 1/Level 2		/Y VO	1.0		
8722620	MASONRY 2 Masonry 2/Level 2		/Y VO	1.0		
8722630	MASONRY 3 Masonry 3/Level 2		/Y VO	1.0		
8722640	MASONRY 4 Masonry 4/Level 2		/Y VO	1.0		
8722650	MASONRY 5 Masonry 5/Level 2		/Y VO	1.0		
8722660	MASONRY 6 Masonry 6/Level 2		/Y VO	1.0		
I463113	CONCRETE MASONRY Concrete Masonry	30, 31	/		BLDG CONST ¶7 ¶G TROWEL TR @7 G	TEC CONSTR ¶7 ¶G
BCV0330	MASONRY TENDER Masonry Tender		/Y VO	3.0		
BCV0360	BRI CKLAYER HELPER Bri ckl ayer Hel per		/Y VO	2.0		
BCV0300	CONCRETE FINI SHER Concrete Fi ni sher		/Y VO	1.0		
aI460404	DRYWALL INSTAL Drywall Installation	30, 31	/		TEC CONSTR ¶7 ¶G DRYWALL @7 G	BLDG CONST ¶7 ¶G
BCV0186	DRYWALL INSTALLER 1 Drywall Installer 1		/Y VO	2.0		
BCV0187	DRYWALL INSTALLER 2 Drywall Installer 2		/Y VO	2.0		
I460314	ELECTRI CIAN Electri ci an	30, 31	/		ELECTRI CAL @7 G	
BCV0603	ELECTRI CIAN HELPER Electri ci an Hel per		/Y VO	2.0		
BCV0640	RES ELECTRI CIAN Resi denti al El ectri ci an		/Y VO	3.0		
BCV0652	COMM ELECTRI CIAN Commerci al El ectri ci an		/Y VO	3.0		
BCV0667	INDUST ELECTRI CIAN Industri al El ectri ci an		/Y VO	2.0		
I46032R	ELECTRI CIAN - APPR El ectri ci an - Appreni ceshi p	30, 31	/			
8727200	ELECTRI CI TY Electri ci ty	9-12, 30, 31	/		ELECTRI CAL @7 G	
8727210	ELECTRI CI TY 1 Electri ci ty 1/Level 2		/Y VO	1.0		
8727220	ELECTRI CI TY 2 Electri ci ty 2/Level 2		/Y VO	1.0		

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			GRADUATION REQUIREMENTS		
8727230	ELECTRICITY 3 Electricity 3/Level 3		/Y	VO	1.0
8727240	ELECTRICITY 4 Electricity 4/Level 3		/Y	VO	1.0
8727250	ELECTRICITY 5 Electricity 5/Level 3		/Y	VO	1.0
8727260	ELECTRICITY 6 Electricity 6/Level 3		/Y	VO	1.0
8727270	ELECTRICITY 7 Electricity 7/Level 3		/Y	VO	1.0
8727280	ELECTRICITY 8 Electricity 8/Level 3		/Y	VO	1.0
I460312	ELECTRICITY	30, 31	/		ELECTRICAL @7 G
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	VO	2.0
BCV0640	RES ELECTRICIAN Residential Electrician		/Y	VO	3.0
BCV0652	COMM ELECTRICIAN Commercial Electrician		/Y	VO	3.0
C60010R	ELEV CONST MECH-APPR Elevator Constructor Mechanic - Apprenticeship	9-12, 30, 31	/		
8721800	FIRE SPRINKLER SYS TECH Fire Sprinkler System Technology	9-12, 30, 31	/		PLUMBING @7 G TEC CONSTR ¶7 ¶G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2		/Y	VO	1.0
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2		/Y	VO	1.0
8721830	FIRE SPRINKLER SYS TECH 3 Fire Sprinkler System Technology 3/ Level 2		/Y	VO	1.0
8721840	FIRE SPRINKLER SYS TECH 4 Fire Sprinkler System Technology 4/ Level 2		/Y	VO	1.0
8721850	FIRE SPRINKLER SYS TECH 5 Fire Sprinkler System Technology 5/ Level 2		/Y	VO	1.0
8721860	FIRE SPRINKLER SYS TECH 6 Fire Sprinkler System Technology 6/ Level 2		/Y	VO	1.0
8721870	FIRE SPRINKLER SYS TECH 7 Fire Sprinkler System Technology 7/ Level 2		/Y	VO	1.0

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			SUBJECT AREA	GRADUATION REQUIREMENTS			
I 460512	FIRE SPRI SYS TECH Fire Sprinkler System Technology	30, 31	/		PLUMBING @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G	
BCV0565	FIRE SPRINK INST HLP Fire Sprinkler Installer, Helper		/Y	VO	2.0		
BCV0566	FIRE SPRINK SYS IN 1 Fire Sprinkler System Installer 1		/Y	VO	2.5		
BCV0567	FIRE SPRINK SYS IN 2 Fire Sprinkler System Installer 2		/Y	VO	2.5		
I 46051R	FIRE SPRI SYSS-APPR Fire Sprinkler System Technology- Apprenticeship	30, 31	/				
I 46041R	GLAZING - APPR Glazing - Apprenticeship	30, 31	/				
8706300	INDUS ELECTR Industrial Electricity	9-12, 30-31	/			ELECTRICAL @7 G	
8706310	INDUS ELECTR 1 Industrial Electricity 1/Level 2		/Y	VO	1.0		
8706320	INDUS ELECTR 2 Industrial Electricity 2/Level 2		/Y	VO	1.0		
8706330	INDUS ELECTR 3 Industrial Electricity 3/Level 2		/Y	VO	1.0		
8706340	INDUS ELECTR 4 Industrial Electricity 4/Level 2		/Y	VO	1.0		
8706350	INDUS ELECTR 5 Industrial Electricity 5/Level 2		/Y	VO	1.0		
8706360	INDUS ELECTR 6 Industrial Electricity 6/Level 2		/Y	VO	1.0		
I 460313	INDUS ELECTR Industrial Electricity	30, 31	/			ELECTRICAL @7 G	
BCV0603	ELECTRICIAN HELPER Electrician Helper		/Y	VO	2.0		
BCV0667	INDUST ELECTRICIAN Industrial Electrician		/Y	VO	2.0		
BCV0666	ELECTRICAL TECH Electrical Technician		/Y	VO	2.0		
I 460514	INDUS PIPEFITTER Industrial Pipefitter	30, 31	/			PLUMBING @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0568	INDUST PIPEFIT HLP Industrial Pipefitter Helper		/Y	VO	2.0		
BCV0569	INDUST PIPEFITTER Industrial Pipefitter		/Y	VO	2.0		
I 46053R	INDUS PIPEFIT-APPR Industrial Pipefitter - Apprenticeship	30, 31	/				

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8721500	PAINT & DECORATING Painting and Decorating	9-12, 30, 31 /		TEC CONSTR 17 1G PAINTING @7 G	BLDG CONST 17 1G
8721510	PAINTING 1 Painting 1/Level 2	/Y	VO	1.0	
8721520	PAINTING 2 Painting 2/Level 2	/Y	VO	1.0	
8721530	PAINT & DECORATING 3 Painting and Decorating 3/Level 2	/Y	VO	1.0	
8721540	PAINT & DECORATING 4 Painting and Decorating 4/Level 2	/Y	VO	1.0	
I 460408	PAINT & DECORATING Painting and Decorating	30, 31 /		TEC CONSTR 17 1G PAINTING @7 G	BLDG CONST 17 1G
BCV0164	PAINT & PAPER HANG 1 Painter and Paper Hanger 1	/Y	VO	2.0	
BCV0165	PAINT & PAPER HANG 2 Painter and Paper Hanger 2	/Y	VO	2.0	
I 46043R	PAINT & DEC - APPR Painting and Decorating - Apprenticeship	30, 31 /			
8723600	PLASTERING Plastering	9-12, 30-31 /		TEC CONSTR 17 1G TROWEL TR @7 G	BLDG CONST 17 1G
8723610	PLASTERING 1 Plastering 1/Level 2	/Y	VO	1.0	
8723620	PLASTERING 2 Plastering 2/Level 2	/Y	VO	1.0	
8723630	PLASTERING 3 Plastering 3/Level 2	/Y	VO	1.0	
I 460409	PLASTERING Plastering	30, 31 /		TEC CONSTR 17 1G TROWEL TR @7 G	BLDG CONST 17 1G
BCV0180	PLASTERER Plasterer	/Y	VO	3.0	
I 46044R	PLASTERING - APPR Plastering - Apprenticeship	30, 31 /			
8721600	PLUMBING TECH Plumbing Technology	9-12, 30, 31 /		PLUMBING @7 G TEC CONSTR 17 1G	BLDG CONST 17 1G
8721610	PLUMBING TECH 1 Plumbing Technology 1/Level 2	/Y	VO	1.0	
8721620	PLUMBING TECH 2 Plumbing Technology 2/Level 2	/Y	VO	1.0	
8721630	PLUMBING TECH 3 Plumbing Technology 3/Level 2	/Y	VO	1.0	
8721640	PLUMBING TECH 4 Plumbing Technology 4/Level 2	/Y	VO	1.0	



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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					PLUMBING	MECHANICAL
8721650	PLUMBING TECH 5 Plumbing Technology 5/Level 2		/Y VO	1.0		
8721660	PLUMBING TECH 6 Plumbing Technology 6/Level 2		/Y VO	1.0		
8721670	PLUMBING TECH 7 Plumbing Technology 7/Level 2		/Y VO	1.0		
I460513	PLUMBING TECHNOLOGY Plumbing Technology	30, 31	/		PLUMBING @7 G TEC CONSTR ¶7 ¶G	BLDG CONST ¶7 ¶G
BCV0508	HLP, PLUMB, PIPEFIT Helper, Plumber, Pipefitter		/Y VO	2.0		
BCV0540	RES PLUMBER Residential Plumber		/Y VO	2.0		
BCV0562	COMM PLUMBER Commercial Plumber		/Y VO	2.0		
BCV0592	PLUMBER Plumber		/Y VO	1.0		
I46052R	PLUMBING TECH-APPR Plumbing Technology - Apprenticeship	30, 31	/			
I470202	REFG TECH Refrigeration Technology	30, 31	/		AC HEAT ME @7 G	REFRG MECH @7 G
ACR0041	AC, REFG & HEAT HELP Air Conditioning, Refrigeration and Heating Helper		/Y VO	1.5		
ACR0043	AC, REFG & HEAT MECH Air Conditioning, Refrigeration and Heating Mechanic Assistant		/Y VO	1.5		
ACR0047	AC, REFG & HEAT MECH1 Air Conditioning, Refrigeration and Heating Mechanic 1		/Y VO	1.5		
ACR0049	AC, REFG & HEAT MECH2 Air Conditioning, Refrigeration and Heating Mechanic 2		/Y VO	1.5		
ACR0045	REFRIGERATION MECH Refrigeration Mechanic		/Y VO	2.0		
I460410	ROOFING Roofing	30, 31	/		TEC CONSTR ¶7 ¶G ROOFING @7 G	BLDG CONST ¶7 ¶G
BCV0144	ROOFER Roofer		/Y VO	3.0		
I46045R	ROOFING - APPR Roofing - Apprenticeship	30, 31	/			
8140300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics Technology	9-12, 30, 31	/		SM HM/MET 7 G ELECTRONIC @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	BUS MACH @7 G COMP SVC @7 G

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TEC	BLDG
8140310	SMART HOMES TECH 1 Smart Homes Technology 1, Level 2	/	VO	1.0		
8140320	SMART HOMES TECH 2 Smart Homes Technology 2, Level 2	/	VO	1.0		
8140330	SMART HOMES TECH 3 Smart Homes Technology 3, Level 2	/	VO	1.0		
8140340	MOBILE ELECT TECH 4 Mobile Electronics Technology 4, Level 2	/	VO	1.0		
C400300	SMART HOMES/MOB ELEC Smart Homes/Mobile Electronics Technology	30, 31	/		SM HM/MET 7 G ELECTRONIC @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	BUS MACH @7 G COMP SVC @7 G
EEV0710	INSTALLATION ASST. Installation Assistant	/	VO	1.0		
EEV0711	LEVEL 1 INSTALLER Level 1 Installer	/	VO	1.0		
EEV0712	LEVEL 2 INSTALLER Level 2 Installer	/	VO	1.0		
EEV0713	MOBILE ELECT TECH Mobile Electronics Technician	/	VO	1.0		
I 480519	STRUCT STEEL WORK Structural Steel Work	30, 31	/		TEC CONSTR ¶7 ¶G STRL STEEL @7 G	BLDG CONST ¶7 ¶G METAL WORK @7 G
PMT0061	REINFORCING STEEL WK Reinforcing Steel Worker	/Y	VO	2.0		
PMT0062	ORNAMENTAL STEEL WKR Ornamental Steel Worker	/Y	VO	2.0		
PMT0063	CERT STRUCT STL WKR Certified Structural Steel Worker	/Y	VO	2.0		
PMT0064	STRUCTURAL STEEL WKR Structural Steel Worker	/Y	VO	2.0		
I 48051R	STRUCT ST WK-APPR Structural Steel Worker - Apprenticeship	30, 31	/			
8723100	TILE SETTING Tile Setting	9-12, 30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	TILE SET @7 G
8723110	TILE SETTING 1 Tile Setting 1/Level 2	/Y	VO	1.0		
8723120	TILE SETTING 2 Tile Setting 2/Level 2	/Y	VO	1.0		
8723130	TILE SETTING 3 Tile Setting 3/Level 2	/Y	VO	1.0		
I 460103	TILE SETTING Tile Setting	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	TILE SET @7 G

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA	GRADUATION REQUIREMENTS	
BCV0392	HARD TILE SETTER 1 Hard Tile Setter 1		/Y	VO	1.5
BCV0393	HARD TILE SETTER 2 Hard Tile Setter 2		/Y	VO	1.5
I 46010R	TILE SETTING - APPR Tile Setting - Apprenticeship	30, 31	/		
----- MAINTENANCE/OPERATIONS CAREER PATH (ACPC) -----					
I 46031R	Line Erector-APPR Line Erector - Apprenticeship	30, 31	/		
I 460499	ROADWAY TECH Roadway Technician	30, 31	/		ROAD CONST 7 G
ETC0590	ROADWAY TECH I Roadway Technician I		/Y	VO	1.5
ETC0591	ROADWAY TECH II Roadway Technician II		/Y	VO	1.5
I 46049R	ROADWAY TECH-APPR Roadway Technician- Apprenticeship	30, 31	/		
I 46993R	SWIM POOL MAINT-APPR Swimming Pool Maintenance - Apprenticeship	30, 31	/		
----- SUPPLEMENTAL PROGRAMS -----					
8700400	INDUS COOP ED-OJT Industrial Cooperative Education- OJT	9-12, 30, 31	/M	VO	MULTIPLE ANY INDUS ED G CULINARY 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
I 469999	INDUS COOP ED-OJT Industrial Cooperative Education- OJT	30, 31	/		ANY INDUS ED G CULINARY 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8700100	INDUS ED DIR STUDY Industrial Education Directed Study	11-12, 30, 31	/M	VO	MULTIPLE ANY INDUS ED G CULINARY 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8799990	INDUS ED TRAN Industrial Education Transfer	9-12, 30, 31	/		NA
I 000000	INDUS ED TRANSFER Industrial Education Transfer	30, 31	/		NA

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
-----   ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER CLUSTER   -----				
----- AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA) -----				
8772300	DIG AUD PROD Di gi tal Audi o Producti on	9-12, 30, 31 /		TEC ELEC 7 7 G TEC ED 1 @2 TV PRO TEC @7 G
8772310	DIG AUD PROD 1 Di gi tal Audi o Producti on 1/Level 2	/Y	PA	1.0
8772320	DIG AUD PROD 2 Di gi tal Audi o Producti on 2/Level 2	/Y	PA	1.0
8772330	DIG AUD PROD 3 Di gi tal Audi o Producti on 3/Level 2	/Y	PA	1.0
8772340	DIG AUD PROD 4 Di gi tal Audi o Producti on 4/Level 2	/Y	PA	1.0
8772350	DIG AUD PROD 5 Di gi tal Audi o Producti on 5/Level 2	/Y	PA	1.0
8772360	DIG AUD PROD 6 Di gi tal Audi o Producti on 6/Level 2	/Y	PA	1.0
8772370	DIG AUD PROD 7 Di gi tal Audi o Producti on 7/Level 2	/Y	PA	1.0
I100230	DIG AUD PROD Di gi tal Audi o Producti on	30, 31 /		TEC ELEC 7 7 G TEC ED 1 @2 TV PRO TEC @7 G
RTT0522	BROADCAST ANNOUNCER Broadcast Announcer	/Y	PA	1.0
RTT0523	AUDIO EQUIP TECH Audi o Equi pment Techni ci an	/Y	PA	2.0
RTT0524	SOUND ENGR TECH Sound Engi neeri ng Techni ci an	/Y	PA	2.0
RTT0525	BROADCAST TECH Broadcast Techni ci an	/Y	PA	2.0
8772400	DIG VID PROD Di gi tal Vi deo Producti on	9-12, 30, 31 /		TV PRO TEC @7 G TEC ED 1 @2 TEC ELEC 7 7 G
8772410	DIG VID PROD 1 Di gi tal Vi deo Producti on 1/Level 2	/Y	PA	1.0
8772420	DIG VID PROD 2 Di gi tal Vi deo Producti on 2/Level 2	/Y	PA	1.0
8772430	DIG VID PROD 3 Di gi tal Vi deo Producti on 3/Level 2	/Y	PA	1.0
8772440	DIG VID PROD 4 Di gi tal Vi deo Producti on 4/Level 2	/Y	PA	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8772450	DIG VID PROD 5 Di gi tal Vi deo Producti on 5/Level 2		/Y	PA	1.0
8772460	DIG VID PROD 6 Di gi tal Vi deo Producti on 6/Level 2		/Y	PA	1.0
8772470	DIG VID PROD 7 Di gi tal Vi deo Producti on 7/Level 2		/Y	PA	1.0
8772480	DIG VID PROD 8 Di gi tal Vi deo Producti on 8/Level 2		/Y	PA	1.0
8772490	DIG VID PROD 9 Di gi tal Vi deo Producti on 9/Level 2		/Y	PA	1.0
8772491	DIG VID PROD 10 Di gi tal Vi deo Producti on 10/Level 2		/Y	PA	1.0
I100240	DIG VID PROD Di gi tal Vi deo Producti on	30, 31	/		TV PRO TEC @7 G TEC ED 1 @2
RTT0530	DIG VIDEO FUND Di gi tal Vi deo Fundamental s		/Y	PA	1.0
RTT0531	AUD/VID EQUIP TECH Audi o and Vi deo Equi pment Techni ci an		/Y	PA	1.0
RTT0532	CAMERA OPERATOR Camera Operator		/Y	PA	2.0
RTT0533	VIDEO EDITOR Vi deo Edi tor		/Y	PA	2.0
RTT0534	MM ARTIST & ANIMATOR Mul ti -medi a Arti st and Animator		/Y	PA	2.0
RTT0525	BROADCAST TECH Broadcast Techni ci an		/Y	PA	2.0
8772200	FILM PDCT EQ OPERAT Fi lm Producti on Equi pment Operati on	9-12, 30, 31	/		TV PRO TEC @7 G TEC ELEC @7 G
8772210	FILM PDCT EQ OP 1 Fi lm Producti on Equi pment Operati on 1/Level 2		/Y	PA	1.0
8772220	FILM PDCT EQ OP 2 Fi lm Producti on Equi pment Operati on 2/Level 2		/Y	V0	1.0
8772230	FILM PDCT EQ OP 3 Fi lm Producti on Equi pment Operati on 3/Level 2		/Y	V0	1.0
8772240	FILM PDCT EQ OP 4 Fi lm Producti on Equi pment Operati on 4/Level 2		/Y	V0	1.0
8772250	FILM PDCT EQ OP 5 Fi lm Producti on Equi pment Operati on 5/Level 2		/Y	V0	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8772260	FILM PDCT EQ OP 6 Film Production Equipment Operation 6/Level 2		/Y	VO	1.0
8772270	FILM PDCT EQ OP 7 Film Production Equipment Operation 7/Level 2		/Y	VO	1.0
8772280	FILM PDCT EQ OP 8 Film Production Equipment Operation 8/Level 2		/Y	VO	1.0
8772290	FILM PDCT EQ OP 9 Film Production Equipment Operation 9/Level 2		/Y	VO	1.0
8772291	FILM PDCT EQ OP 10 Film Production Equipment Operation 10/Level 2		/Y	VO	1.0
8772292	FILM PDCT EQ OP 11 Film Production Equipment Operation 11/Level 2		/Y	VO	1.0
I100112	FILM PDCT EQ OPERAT Film Production Equipment Operation	30, 31	/		TV PRO TEC @7 G TEC ELEC @7 G
FIL0080	SET BLD/PROP MAKER Set Builder/Prop Maker		/Y	PA	2.0
FIL0081	SOUND EQUIP OP Sound Equipment Operator		/Y	VO	1.5
FIL0082	GRI PS & LI GHTI NG EQ Grips and Lighting Equipment Operator		/Y	VO	2.5
FIL0083	EDI TI NG EQUI P OP Editing Equipment Operator		/Y	VO	2.5
FIL0084	CAMERA ASST Camera Assistant		/Y	VO	2.5
8718100	3-D ANI MATI ON TECH 3-D Animation Technology	9-12, 30, 31	/		COMM ART @7 G COMPU SCI 6 TEC ELEC \$7 G BUS ED 1 @2 TV PRO TEC @7 G
8718110	3-D ANI MATI ON TECH 1 3-D Animation Technology 1/Level 2		/Y	PA	1.0
8718120	3-D ANI MATI ON TECH 2 3-D Animation Technology 2/Level 2		/Y	PA	1.0
8718130	3-D ANI MATI ON TECH 3 3-D Animation Technology 3/Level 2		/Y	PA	1.0
8718140	3-D ANI MATI ON TECH 4 3-D Animation Technology 4/Level 2		/Y	PA	1.0
8718150	3-D ANI MATI ON TECH 5 3-D Animation Technology 5/Level 2		/Y	PA	1.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8718160	3-D ANIMATION TECH 6 3-D Animation Technology 6/Level 2		/Y	PA	1.0
8718170	3-D ANIMATION TECH 7 3-D Animation Technology 7/Level 2		/Y	PA	1.0
I 480200	3-D ANIMATION TECH 3-D Animation Technology	30, 31	/		COMM ART @7 G COMPU SCI 6 TEC ELEC \$7 G BUS ED 1 @2 TV PRO TEC @7 G
DI G0060	3-D ANI PROD ASST 3-D Animation Production Assistant		/Y	PA	1.0
DI G0061	MODELER Modeler		/Y	PA	2.0
DI G0062	TEXTURE ARTIST/RIG Texture Artist/Rigger		/Y	PA	2.0
DI G0063	ANI/MOTION CAP TECH Animation/Motion Capture Technician		/Y	PA	2.0

JOURNALISM & BROADCASTING CAREER PATH (ARPB)

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PROGRAM/COURSE NUMBER	ABBREVIATED TITLE	GRADE LEVEL/CRSE LENGTH			CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8771100	JOURNALISM Journalism	9-12, 30, 31	/		
1006300	JOURNALISM 1 Journalism 1/Level 2		/Y	PA	1.0
8771110	INDUS COMM Industrial Communications/Level 2		/Y	PA	1.0
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2		/Y	PA	1.0
8207110	WEB DESIGN 1 Web Design 1/Level 2		/Y	PA	1.0
I 100114	RADIO BROADCASTING Radio Broadcasting	30, 31	/		TEC ELEC ¶7 ¶G TV PRO TEC @7 G
RTT0502	RADIO BOARD OPERATOR Radio Board Operator		/Y	VO	1.0
RTT0504	RADIO PROD ASST Radio Production Assistant		/Y	VO	1.0
RTT0506	RADIO NEWS ASST Radio News Assistant		/Y	VO	1.0
RTT0508	RADIO PRODUCER Radio Producer		/Y	VO	1.0
RTT0510	BROADCAST NEWS ANAL Broadcast News Analyst		/Y	VO	1.0
RTT0512	RADIO TRAFFIC CLERK Radio Traffic Clerk		/Y	VO	1.0

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATI ON
			GRADUATI ON REQUI REMENTS		
8772100	TV PRODUCTI ON Tel evi si on Producti on	9-12, 30, 31 /		TV PRO TEC @7 G TEC ED 1 @2	TEC ELEC ¶7 ¶G
8772110	TV PRODUCTI ON 1 Tel evi si on Producti on 1/Level 2	/Y	PA	1.0	
8772120	TV PRODUCTI ON 2 Tel evi si on Producti on 2/Level 2	/Y	PA	1.0	
8772130	TV PRODUCTI ON 3 Tel evi si on Producti on 3/Level 3	/Y	VO	1.0	
8772140	TV PRODUCTI ON 4 Tel evi si on Producti on 4/Level 3	/Y	VO	1.0	
8772150	TV PRODUCTI ON 5 Tel evi si on Producti on 5/Level 3	/Y	PA	1.0	
8772160	TV PRODUCTI ON 6 Tel evi si on Producti on 6/Level 3	/Y	PA	1.0	
8772170	TV PRODUCTI ON 7 Tel evi si on Producti on 7/Level 3	/Y	PA	1.0	
8772180	TV PRODUCTI ON 8 Tel evi si on Producti on 8/Level 3	/Y	PA	1.0	
8772190	TV PRODUCTI ON 9 Tel evi si on Producti on 9/Level 3	/Y	PA	1.0	
8772191	TV PRODUCTI ON 10 Tel evi si on Producti on 10/Level 3	/Y	VO	1.0	
8772192	TV PRODUCTI ON 11 Tel evi si on Producti on 11/Level 3	/Y	VO	1.0	
I 100104	TV PRODUCTI ON Tel evi si on Producti on	30, 31 /		TEC ELEC ¶7 ¶G TEC ED 1 @2	TV PRO TEC @7 G
RTT0514	STUDI O ASST Studi o Assi stant	/Y	PA	3.0	
RTT0516	STUDI O TECH Studi o Techni ci an	/Y	VO	3.0	
RTT0518	STUDI O TECH/EDIT AS Studi o Techni ci an/Edi t Assi stant	/Y	PA	3.0	
RTT0520	TV PROD/EDIT TECH Tel evi si on Producti on/Edi t Techni ci an	/Y	VO	2.0	

PRINTING TECHNOLOGY CAREER PATH (ARPD)

I 480205	DIGI TAL PRINT TECH Di gi tal Pri nti ng Technol ogy	30, 31 /		PRINTI NG @7 G	
GRA0020	DIG PUBLI SH ASST 1 Di gi tal Publi shi ng Assi stant 1	/Y	VO	1.5	
GRA0021	DIG PUBLI SH ASST 2 Di gi tal Publi shi ng Assi stant 2	/Y	VO	1.5	



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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
GRA0022	DESKTOP PUB SPEC 1 Desktop Publishing Specialist 1		/Y	VO	1.5
GRA0023	DESKTOP PUB SPEC 2 Desktop Publishing Specialist 2		/Y	VO	1.5
8739000	PRINT & GRAPHIC COMM Printing and Graphic Communications	9-12, 30, 31	/		PRINTING @7 G
8739010	PRINT & GRAPHS COMM1 Printing and Graphic Communications 1/Level 2		/Y	PA	1.0
8739020	PRINT & GRAPHS COMM2 Printing and Graphic Communications 2/Level 2		/Y	PA	1.0
8739030	PRINT & GRAPHS COMM3 Printing and Graphic Communications 3/Level 2		/Y	PA	1.0
8739040	PRINT & GRAPHS COMM4 Printing and Graphic Communications 4/Level 3		/Y	PA	1.0
8739050	PRINT & GRAPHS COMM5 Printing and Graphic Communications 5/Level 3		/Y	PA	1.0
8739060	PRINT & GRAPHS COMM6 Printing and Graphic Communications 6/Level 3		/Y	PA	1.0
8739070	PRINT & GRAPHS COMM7 Printing and Graphic Communications 7/Level 3		/Y	PA	1.0
8739080	PRINT & GRAPHS COMM8 Printing and Graphic Communications 8/Level 3		/Y	PA	1.0
8739090	PRINT & GRAPHS COMM9 Printing and Graphic Communications 9/Level 3		/Y	VO	1.0
8739091	PRINT & GRAPHS COMM10 Printing and Graphic Communications 10/Level 3		/Y	VO	1.0
8739092	PRINT & GRAPHS COMM11 Printing and Graphic Communications 11/Level 3		/Y	VO	1.0
8739093	PRINT & GRAPHS COMM12 Printing and Graphic Communications 12/Level 3		/Y	VO	1.0
I480201	PRINT & GRAPHS COMM Printing and Graphic Communications	30, 31	/		PRINTING @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	
			SUBJECT AREA GRADUATION REQUIREMENTS			
GRA0012	COPY CENTER TECH Copy Center Technician	/Y	PA		3.0	
GRA0013	PROCESS CAMERA OP Process Camera Operator	/Y	PA		2.0	
GRA0014	LAYOUT DSN/PLANNER Layout Designer/Planner	/Y	PA		3.0	
GRA0015	DUPLICATOR OPERATOR Duplicator Operator	/Y	VO		3.0	
GRA0016	GEN BINDERY WORKER General Bindery Worker	/Y	VO		1.0	
----- TELECOMMUNICATIONS CAREER PATH (ARPE) -----						
I 470103	COMM ELECTRONICS Communication Electronics	30, 31	/		TEC ELEC @7 G	ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0	
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	VO	3.0	
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	VO	2.5	
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	VO	3.0	
EEV0311	ELECTR RADIO TECH Electronics Radio Technician		/Y	VO	2.0	
EEV0312	COMMUNICATION TECH Communication Technician		/Y	VO	2.0	
EEV0401	ELECTRONICS SPEC Electronics Specialist		/Y	VO	2.0	
EEV0316	DATA COMM TECH Data Communication Technician		/Y	VO	2.0	
8730200	TELECOM TECH Telecommunications Technology	9-12, 30, 31	/		COMP SVC @7 G BUS MACH @7 G TELCOM 7 G	ELECTRONIC @7 G ELECTRICAL @7 G
8730210	TELECOM TECH 1 Telecommunications Technology 1/ Level 2		/Y	VO	1.0	
8730220	TELECOM TECH 2 Telecommunications Technology 2/ Level 2		/Y	VO	1.0	
8730230	TELECOM TECH 3 Telecommunications Technology 3/ Level 2		/Y	VO	1.0	

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	SUBJECT AREA	
			GRADUATION REQUIREMENTS				
8730240	TELECOM TECH 4 Tel ecommuni cati ons Technol ogy 4/ Level 2		/Y	VO	1.0		
I 470301	TELECOMM TECHNOLOGY Tel ecommuni cati ons Technol ogy	30, 31	/			COMP SVC @7 G BUS MACH @7 G TELCOM 7 G	ELECTRONIC @7 G ELECTRICAL @7 G
EER0051	TELECOMM INSTALL Tel ecommuni cati ons Installer		/Y	VO	1.0		
EER0052	TELECOMM INST & REP Tel ecommuni cati ons Installation and Repair Specialist		/Y	VO	1.0		
EER0055	TELECOMM TECH Tel ecommuni cati ons Techni ci an		/Y	VO	2.0		
I 47034R	TELECOM TECH - APPR Tel ecommuni cati ons Technol ogy - Apprenti ceshi p	30, 31	/				
I 470305	WI RELESS TELE Wi rel ess Tel ecommuni cati ons	30, 31	/			TELCOM 7 G	
CTS0004	CPT SUPPORT TECH Computer Support Techni ci an		/Y	VO	1.0		
EEV0505	CPT SUPPORT SPEC Computer Support Speci al i st		/Y	VO	2.0		
CTS0006	NETWORK SUPPORT TECH Network Support Techni ci an		/Y	VO	1.0		
CTS0007	NETWORK SPECIALI ST Network Speci al i st		/Y	VO	2.0		
CTS0008	NETWORK ADMIN Network Admi ni strator		/Y	VO	2.0		
CTS0009	WI RELESS TELE ADM Wi rel ess Tel ecommuni cati ons Admi ni strator		/Y	VO	2.0		

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VISUAL ARTS CAREER PATH (ARPF)  
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8718000	COMMERCIAL ART TECH Commerci al Art Technol ogy	9-12, 30, 31	/			COMM ART @7 G	
8718010	CMCL ART TECH 1 Commerci al Art Technol ogy 1/Level 2		/Y	PA	1.0		
8718020	CMCL ART TECH 2 Commerci al Art Technol ogy 2/Level 2		/Y	PA	1.0		
8718030	CMCL ART TECH 3 Commerci al Art Technol ogy 3/Level 2		/Y	PA	1.0		

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8718040	CMCL ART TECH 4 Commercial Art Technology 4/Level 2		/Y	PA	1.0
8718050	CMCL ART TECH 5 Commercial Art Technology 5/Level 2		/Y	PA	1.0
8718060	CMCL ART TECH 6 Commercial Art Technology 6/Level 2		/Y	PA	1.0
8718070	CMCL ART TECH 7 Commercial Art Technology 7/Level 2		/Y	PA	1.0
8718080	CMCL ART TECH 8 Commercial Art Technology 8/Level 2		/Y	PA	1.0
8718090	CMCL ART TECH 9 Commercial Art Technology 9/Level 2		/Y	PA	1.0
8718091	CMCL ART TECH 10 Commercial Art Technology 10/Level 2		/Y	PA	1.0
I480203	COMMERCIAL ART TECH Commercial Art Technology	30, 31	/		COMM ART @7 G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant		/Y	PA	3.0
GRA0037	DESIGN TECH Design Technician		/Y	PA	3.0
GRA0038	ILLUSTRATOR Illustrator		/Y	PA	2.0
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	PA	2.0
K600100	CMCL ART TECH 1 Commercial Art Technology 1	30, 31	/		COMM ART @7 G
GRA0036	DESKTOP PUB ASST Desktop Publishing Assistant		/Y	PA	3.0
GRA0037	DESIGN TECH Design Technician		/Y	PA	3.0
K600200	CMCL ART TECH 2 Commercial Art Technology 2	30, 31	/		COMM ART @7 G
GRA0038	ILLUSTRATOR Illustrator		/Y	PA	2.0
GRA0039	PRINT MEDIA ARTIST Print Media Artist		/Y	PA	2.0
8772000	CMCL PHOTO TECH Commercial Photography Technology	9-12, 30, 31	/		PHOTOG @7 G
8772010	CMCL PHOTO TECH 1 Commercial Photography Technology 1 /Level 2		/Y	PA	1.0
8772020	CMCL PHOTO TECH 2 Commercial Photography Technology 2 /Level 2		/Y	PA	1.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8772030	CMCL PHOTO TECH 3 Commercial Photography Technology 3 /Level 2		/Y	PA	1.0
8772040	CMCL PHOTO TECH 4 Commercial Photography Technology 4 /Level 2		/Y	PA	1.0
8772050	CMCL PHOTO TECH 5 Commercial Photography Technology 5 /Level 2		/Y	PA	1.0
8772060	CMCL PHOTO TECH 6 Commercial Photography Technology 6 /Level 2		/Y	PA	1.0
8772070	CMCL PHOTO TECH 7 Commercial Photography Technology 7 /Level 2		/Y	PA	1.0
8772080	CMCL PHOTO TECH 8 Commercial Photography Technology 8 /Level 2		/Y	PA	1.0
8772090	CMCL PHOTO TECH 9 Commercial Photography Technology 9 /Level 2		/Y	PA	1.0
8772091	CMCL PHOTO TECH 10 Commercial Photography Technology 10 /Level 2		/Y	PA	1.0
8772092	CMCL PHOTO TECH 11 Commercial Photography Technology 11 /Level 2		/Y	PA	1.0
I480204	CMCL PHOTO TECH Commercial Photography Technology	30, 31	/		PHOTOG @7 G
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1		/Y	PA	2.0
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2		/Y	PA	2.0
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician		/Y	PA	1.0
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1		/Y	PA	1.5
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2		/Y	PA	1.5
PGY0185	COMM PHOTOGRAPHER Commercial Photographer		/Y	PA	3.0
K610100	CMCL PHOTO TECH 1 Commercial Photography Technology 1	30, 31	/		PHOTOG @7 G

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
PGY0180	PHOTO IMAGING SPEC 1 Photographic Imaging Specialist 1		/Y	PA	2.0
PGY0181	PHOTO IMAGING SPEC 2 Photographic Imaging Specialist 2		/Y	PA	2.0
PGY0182	PHOTO SPEC/LAB TECH Photography Specialist/Lab Technician		/Y	PA	1.0
K610200	CMCL PHOTO TECH 2 Commercial Photography Technology 2	30, 31	/		PHOTOG @7 G
PGY0183	PORTRAIT PHOTO 1 Portrait Photographer 1		/Y	PA	1.5
PGY0184	PORTRAIT PHOTO 2 Portrait Photographer 2		/Y	PA	1.5
PGY0185	COMM PHOTOGRAPHER Commercial Photographer		/Y	PA	3.0
8209600	DIGITAL DESIGN Digital Design	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7 VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND		/S	VO	0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR		/S	VO	0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y	VO	1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2		/Y	PA	1.0
8209520	DIGITAL DESIGN 2 Digital Design 2/Level 3		/Y	PA	1.0
8209530	DIGITAL DESIGN 3 Digital Design 3/Level 3		/Y	PA	1.0
8209540	DIGITAL DESIGN 4 Digital Design 4/Level 3		/Y	PA	1.0
8209550	DIGITAL DESIGN 5 Digital Design 5/Level 3		/Y	PA	1.0
8209560	DIGITAL DESIGN 6 Digital Design 6/Level 3		/Y	PA	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION	
8209570	DI GI TAL DESI GN 7 Di gi tal Desi gn 7/Level 3	/Y	PA	1.0		
B070600	DI GI TAL DESI GN Di gi tal Desi gn	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant	/Y	VO	1.0		
GRA0024	PRODUCTI ON ASST Producti on Assi stant	/Y	PA	1.0		
GRA0025	DI GI TAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0		
GRA0026	GRAPHI C DESI GNER Graphi c Desi gner	/Y	PA	2.0		
GRA0027	MEDI A DESI GNER Medi a Desi gner	/Y	PA	2.0		
K700100	DI GI TAL DESI GN 1 Di gi tal Desi gn 1	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant	/Y	VO	1.0		
GRA0024	PRODUCTI ON ASST Producti on Assi stant	/Y	PA	1.0		
GRA0025	DI GI TAL ASST DSN Di gi tal Assi stant Desi gner	/Y	PA	2.0		
K700200	DI GI TAL DESI GN 2 Di gi tal Desi gn 2	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC @7 G \$7 G COMM ART @7	VOE @7 BUS DP @7 G CLERICAL @7 G STENOG @4 @7 G COMPU SCI 6 @2
GRA0026	GRAPHI C DESI GNER Graphi c Desi gner	/Y	PA	2.0		
GRA0027	MEDI A DESI GNER Medi a Desi gner	/Y	PA	2.0		

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION	
			GRADUATION REQUIREMENTS			
<sup>a</sup> 8506400	FASH DESIGN SERS FASH TECH & DSN SERS Fashi on Desi gn Servi ces Fashi on Technol ogy and Desi gn Ser	9-12, 30, 31 /			VOC HME EC @2 @4 HOMEMAKING @2 ¢7 FAM CON SC 1 TAILORING ¢7 APPRL MFG ¢7 @7 G	HME EC OCC ¢7 HOME EC @2 GEN HME EC @2 @4 TEC ED 1 @2
8506405	DES SERS CORE Desi gn Servi ces Core/Level 2	/Y	PA		1.0	
8506410	PRIN OF FASH DSN SER Pri nci pl es of Fashi on Desi gn Servi ces /Level 2	/Y	PA		1.0	
8506420	PATTERN DSN TECNQS Pattern Desi gn Techni ques/Level 2	/Y	PA		1.0	
8506430	FASH DSN SPEC Fashi on Desi gn Speci al ist/Level 3	/Y	PA		1.0	
<sup>a</sup> V200400	FASH DESIGN SERS FASH TECH & DSN SERS Fashi on Desi gn Servi ces Fashi on Technol ogy and Desi gn Ser	30, 31 /			VOC HME EC @2 @4 FAM CON SC 1 HME EC OCC ¢7 @7 G APPRL MFG ¢7 @7 G TAILORING ¢7 @7 G	HOME EC @2 GEN HME EC @2 HOMEMAKING ¢7 ¢2 @7 G TEC ED 1 @2
HEV0010	RETAIL SALES Retail Sales	/Y	PA		1.0	
HEV0011	TAILOR, DRESSMKR Tailor, Dressmaker, Custom Sewer	/Y	PA		1.0	
HEV0012	FAB & APPAREL PAT Fabric and Apparel Patternmakers	/Y	PA		1.0	
HEV0013	FASHION COOR/STYLIST Fashi on Coordi nator/Styli st	/Y	PA		1.0	
8521040	INT DECOR FAB Interi or Decor Fabri cati on	9-12, 30, 31 /			HOMEMAKING ¢7 @2 VOC HME EC @4 FAM CON SC 1	HOME EC @2 HME EC OCC ¢7
8521041	INTROD INT DECR FAB1 Introducti on to Interi or Decor Fabri cati on 1/Level 2	/Y	VO		1.0	
8521042	INTROD INT DECR FAB2 Introducti on to Interi or Decor Fabri cati on 2/Level 2	/Y	VO		1.0	
8521043	INTROD INT DECR FAB3 Introducti on to Interi or Decor Fabri cati on 3/Level 2	/Y	PA		1.0	
V200505	INTERIOR DECOR FAB Interi or Decor Fabri cati on	30, 31 /			HOMEMAKING ¢7 @7 G @2 HOME EC @2 FAM CON SC 1 INT DEC 7 G	HME EC OCC ¢7 @7 G VOC HME EC @4 @2 GEN HME EC @2



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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	
HEV0420	SEW MACH OP, NONGARM Sewi ng Machi ne Operator, Nongarment		/Y VO	3.0		
HEV0450	DRAPER Y OPERATOR Drapery Operator		/Y VO	1.0		
HEV0451	DRAPER Y SUPR Drapery Supervi sor		/Y PA	3.0		
V200600	INT DECORATING SERS Interi or Decorati ng Servi ces	30, 31	/		HOMEMAKING c7 @2 @7 G GEN HME EC @2 FAM CON SC 1 INT DEC 7 G	HOME EC @2 HME EC OCC c7 @7 G VOC HME EC @2 @4
HEV0412	SALES/COLOR CONSULT Sales/Col or Consul tant		/Y VO	1.0		
HEV0452	FURN ARR/SPACE PLAN Furni ture Arranger/Space Pl anner		/Y VO	2.0		
HEV0453	MERCH STYL/VIS DISP Merchandi se Styl i st/Vi sua l Di spl ayer		/Y VO	2.0		
HEV0413	INT DEC/INT DEC CONS Interi or Decorator/Interi or Decorati ng Consul tant		/Y VO	1.0		
8506500	INT DESIGN SERS Interi or Desi gn Servi ces	9-12, 30, 31	/		VOC HME EC @2 @4 HOMEMAKING @2 c7 FAM CON SC 1 TAILORING c7 INT DES 7 G	HME EC OCC c7 HOME EC @2 GEN HME EC @2 APPRL MFG c7 @7 G TEC ED 1 @2
8506405	DES SERS CORE Desi gn Servi ces Core/Level 2		/Y PA	1.0		
8506540	PRIN OF INT DSN SERS Pri nci pl es of Interi or Desi gn Servi ces /Level 2		/Y PA	1.0		
8506550	INT DSN TECNQS Interi or Desi gn Techni ques/Level 2		/Y PA	1.0		
8506560	INT DSN SPEC Interi or Desi gn Speci al i st/Level 3		/Y PA	1.0		
V200500	INT DESIGN SERS Interi or Desi gn Servi ces	30, 31	/		VOC HME EC @2 @4 FAM CON SC 1 TEC ED 1 @2 TAILORING c7 @7 G INT DEC 7 G	HOME EC @2 GEN HME EC @2 HME EC OCC c7 @7 G APPRL MFG c7 @7 G HOMEMAKING c7 c2 @7 G
HEV0010	RETAIL SALES Retail Sales		/Y PA	1.0		
HEV0410	INTERIOR DESIGN ASST Interi or Desi gn Assi stant		/Y PA	1.0		
HEV0416	DRAFTER Drafter		/Y PA	1.0		

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CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	
					CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS
HEV0414	INTERIOR DESIGN SPEC Interior Design Specialist		/Y PA	1.0		
V200700	SEW TEC & SERS Sewing Technology and Services	30, 31	/		VOC HME EC @2 @4 TEC ED 1 @2 HME EC OCC C7 @7 G HOME EC C7 @2 @7 G HOME EC @2	TAILORING C7 @7 G GEN HME EC @2 APPRL MFG C7 @7 G FAM CON SC 1 HOMEMAKING C7 @2 @7 G
HEV0203	SEAMSTRESS Seamstress		/Y VO	1.0		
HEV0240	POWER MACHINE OP Power Machine Operator		/Y VO	0.0		
HEV0211	ALTERATIONIST Alterationist		/Y VO	1.0		
HEV0212	CONSTRUCTION SPEC Construction Specialist		/Y VO	1.0		
HEV0217	ALTERATIONIST/FINE Alterationist for Fine Clothing		/Y VO	1.0		
HEV0232	CUSTOM TAILOR/PAT MK Custom Tailor/Patternmaker		/Y VO	1.0		

GENERAL PROGRAMS

8209100	CAR IN FASH & INT Careers in Fashion and Interior Design	6-8, 30, 31	/		VOC HME EC @4 HOME EC @2	FAM CON SC 1
8209200	CAR IN FASH & INT CP Careers in Fashion and Interior Design and Career Planning	6-8, 30, 31	/		VOC HME EC @4 HOME EC @2	FAM CON SC 1
8500380	FABR CONSTRUCTION Fabric Construction/Level 2	9-12, 30, 31	/S PA	0.5	VOC HME EC @4 HOME EC @2	FAM CON SC 1

BUSINESS MANAGEMENT & ADMINISTRATIVE CAREER CLUSTER

MANAGEMENT CAREER PATH (BAPA)

8215200	BUSINESS SUPV & MGMT Business Supervision and Management	9-12, 30, 31	/		BUS ED 1 @2 VOE @7 MANAG SUPV @7 G	TEACH CBE @7 BOOKKEEPIN @4 @7 G
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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0
8215120	BUS & ENTREP PRIN Business and Entrepreneurship Principles/Level 3	/Y	VO		1.0
8215130	LEG ASPECTS OF BUS Legal Aspects of Business/Level 3	/Y	VO		1.0
8215140	BUS SUPV 1 Business Supervision 1/Level 2	/Y	VO		1.0
8215150	BUS SUPV 2 Business Supervision 2/Level 2	/Y	VO		1.0
8215160	BUS SUPV 3 Business Supervision 3/Level 2	/Y	VO		1.0
B060200	BUSINESS SUPV & MGMT Business Supervision and Management	30, 31	/		BUS ED 1 @2 VOE @7 MANAG SUPV @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0
MNA0080	SUPR/MANAGER TRAINEE Supervisor/Manager Trainee		/Y	VO	2.0
MNA0082	SUPERVISOR Supervisor		/Y	VO	3.0
8217100	PROMOTIONAL ENT Promotional Enterprise	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5

TEACH CBE @7  
BOOKKEEPIN @4 @7 GVOE @7  
BUS DP @7 G  
CLERICAL @7 G  
STENOG @4 @7  
COMPU SCI 6

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0
8217110	CUS PROMO LAYOUT DSN Custom Promotional Layout Design /Level 2	/Y	PA		1.0
8217120	PROMO DSN MGMT Promotional Design Management/Level 2	/Y	VO		1.0
8217130	CUS PROMO S&D MGMT Custom Promotional Sales and Distribution Management/Level 2	/Y	PA		1.0
8217140	PROMO BUS MGMT&SUPV1 Promotional Business Management and Supervision 1/Level 2	/Y	VO		1.0
8217150	PROMO BUS MGMT&SUPV2 Promotional Business Management and Supervision 2/Level 2	/Y	VO		1.0
8217160	LEG ASP OF PROMO IND Legal Aspects of Promotional Industry Ownership/Level 2	/Y	VO		1.0
B017100	PROMOTIONAL ENT Promotional Enterprise	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G VOE @7 BUS DP @7 G CLERICAL @7 G STENOGR @4 @7 COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO		1.0
GRA0079	CUS PROMO DSN MGR Custom Promotional Design Manager	/Y	PA		2.0
MNA0081	FIRST LINE SUPR First Line Supervisor	/Y	VO		1.0
SBM0200	SMALL BUSINESS MGR Small Business Manager	/Y	VO		2.0
MNA0090	GEN OPS MGR/OWNER General Operations Manager/Owner	/Y	VO		1.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
----- BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB) -----					
8203400	ACCT OPS Accounting Operations	9-12, 30, 31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Applications 1/Level 2	/Y	VO	1.0	
8203320	ACCT APPL 2 Accounting Applications 2/Level 2	/Y	VO	1.0	
8203330	ACCT APPL 3 Accounting Applications 3/Level 3	/Y	VO	1.0	
8203340	ACCT APPL 4 Accounting Applications 4/Level 3	/Y	VO	1.0	
8203350	ACCT APPL 5 Accounting Applications 5/Level 3	/Y	VO	1.0	
B070110	ACCT OPS Accounting Operations	30, 31 /			BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0	
AC00040	ACCOUNTING CLERK Accounting Clerk	/Y	VO	2.0	
AC00041	ACCOUNTING ASSC Accounting Associate	/Y	VO	2.0	
AC00042	ACCOUNTING ASST Accounting Assistant	/Y	VO	1.0	

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
----- BUSINESS ANALYSIS CAREER PATH (BAPD) -----					
8216100	INTL BUSINESS Internati onal Busi ness	9-12, 30, 31 /		BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G	TEACH CBE @7 MANAG SUPV @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2	/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Appli cations 1/Level 2	/Y	VO	1.0	
8216110	INTL BUS SYSS Internati onal Busi ness Systems/Level 2	/Y	VO	1.0	
8216120	INTL FIN & LAW Internati onal Finance and Law/Level 3	/Y	VO	1.0	
8216130	BUSI NESS INTERNSHIP Busi ness Internshi p/Level 2	/Y	VO	1.0	
B060901	INTL BUSINESS Internati onal Busi ness	30, 31 /		BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 G	TEACH CBE @7 MANAG SUPV @7 G
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant	/Y	VO	1.0	
MNA0000	MANAGER TRAI NEE 1 Manager Trai nee 1	/Y	VO	2.0	
MNA0001	MANAGER TRAI NEE 2 Manager Trai nee 2	/Y	VO	2.0	

## MARKETING &amp; COMMUNICATIONS CAREER PATH (BAPE)

8200300	ELEC BUSINESS ENTERP Electroni c Busi ness Enterpri se	9-12, 30, 31 /		BUS ED 1 @2 ELECT DP @7 G	BUS DP @7
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2	/Y	PA	1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8200340	INTRO TO E-COMMERCE Introduction to E-Commerce/Level 2	/Y	PA		1.0
8200350	E-COMMERCE ENTREP E-Commerce Entrepreneurship/Level 2	/Y	VO		1.0
8200360	E-COM SYS ANL & DSN E-Commerce Systems Analysis and Design/Level 2	/Y	VO		1.0
B070100	ELEC BUSINESS ENTERP Electronic Business Enterprise	30, 31	/		BUS ED 1 @2 ELECT DP @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO		1.0
MNA0830	E-COMM CUST SER REP E-Commerce Customer Service Representative	/Y	PA		1.0
MNA0831	E-COMMERCE ENTREP E-Commerce Entrepreneur	/Y	PA		1.0
MNA0832	E-COMM WEB ASST E-Commerce Web Assistant	/Y	VO		1.0

## ADMINISTRATIVE &amp; INFORMATION SUPPORT CAREER PATH (BAPF)

<sup>a</sup> 8212500	ADM AST ADM OFFICE SPEC Administrative Assistant Administrative Office Specialist	9-12, 30, 31	/		BUS ED 1 @2 VOE @7 SECRETAR @7 G STENOGR @4 @7 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	TEACH CBE @7 CLERICAL @7 G MANAG SUPV @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5	
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0	
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0	
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO		1.0	

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION			
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2		/Y VO	1.0			
8209510	DIGITAL DESIGN 1 Digital Design 1/Level 2		/Y PA	1.0			
8212410	ADM OFFICE TECH 2 Administrative Office Technology 2/ Level 2		/Y VO	1.0			
8212420	ADM OFFICE TECH 3 Administrative Office Technology 3/ Level 2		/Y VO	1.0			
8212160	BUS SOFTWARE APPL 2 Business Software Applications 2/ Level 2		/Y VO	1.0			
<sup>a</sup> B070330	ADM ASSISTANT ADM OFFICE SPEC Administrative Assistant Administrative Office Specialist	30, 31	/		BUS ED 1 @2 VOE @7 SECRETAR @7 G STENO @4 @7	TEACH CBE @7 CLERICAL @7 G MANAG SUPV @7 G	
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE		
OTA0041	FRONT DESK SPEC Front Desk Specialist		/Y VO	2.0			
OTA0030	ASST DIG PROD DSN Assistant Digital Production Designer		/Y VO	1.0			
OTA0043	ADMINISTRATIVE ASST Administrative Assistant		/Y VO	3.0			
8200200	COURT RPT Court Reporting	9-12, 30, 31	/		BUS ED 1 @2 VOE @7 STENO @4 @7	TEACH CBE @7 SECRETAR @7 G	
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y VO	1.0			
8200230	COURT RPT TECH 1 Court Reporting Technology 1/Level 2		/Y VO	1.0			
8200240	COURT RPT TECH 2 Court Reporting Technology 2/Level 2		/Y VO	1.0			
8200250	COURT RPT TECH 3 Court Reporting Technology 3/Level 2		/Y VO	1.0			
8200260	COURT RPT TECH 4 Court Reporting Technology 4/Level 2		/Y VO	1.0			
8200270	COURT RPT TECH 5 Court Reporting Technology 5/Level 2		/Y VO	1.0			



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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION			
					BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
8200280	COURT RPT TECH 6 Court Reporting Technology 6/Level 2		/Y VO	1.0			
8200290	COURT RPT TECH 7 Court Reporting Technology 7/Level 2		/Y VO	1.0			
8200291	COURT RPT TECH 8 Court Reporting Technology 8/Level 2		/Y VO	1.0			
B070602	COURT RPT Court Reporting	30, 31	/		BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0			
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I		/Y VO	1.0			
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II		/Y VO	2.0			
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III		/Y VO	1.0			
OTA0047	COURT REPORT SCOPIST Court Reporting Scopi st		/Y VO	4.0			
OTA0048	COURT RPT 1 Court Reporter 1		/Y VO	2.5			
OTA0049	COURT RPT 2 Court Reporter 2		/Y VO	2.5			
OTA0051	COURT RPT 3 Court Reporter 3		/Y VO	2.5			
OTA0052	COURT RPT 4 Court Reporter 4		/Y VO	2.5			
B700500	COURT RPT 1 Court Reporting 1	30, 31	/		BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0			
OTA0044	COURT REPORT TRAN I Court Reporting Transcriptionist I		/Y VO	1.0			
OTA0045	COURT REPORT TRAN II Court Reporting Transcriptionist II		/Y VO	2.0			
OTA0046	COURT REPORT TRAN III Court Reporting Transcriptionist III		/Y VO	1.0			
B700600	COURT RPT 2 Court Reporting 2	30, 31	/		BUS ED VOE STENOG	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0047	COURT REPORT SCOPIST Court Reporting Scopi st		/Y VO	4.0			

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					TECHNICAL	EDUCATION
B700700	COURT RPT 3 Court Reporting 3	30, 31 /		BUS ED VOE STENOGR	1 @2 @7 @4 @7	TEACH CBE @7 SECRETAR @7 G
OTA0048	COURT RPT 1 Court Reporter 1	/Y	VO	2.5		
OTA0049	COURT RPT 2 Court Reporter 2	/Y	VO	2.5		
OTA0051	COURT RPT 3 Court Reporter 3	/Y	VO	2.5		
OTA0052	COURT RPT 4 Court Reporter 4	/Y	VO	2.5		
8218100	CUST ASST TECH Customer Assistance Technology	9-12, 30, 31 /		BUS ED TEACH CBE SECRETAR	1 @2 @7 @7 G	VOE @7 CLERICAL @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0		
8218010	CUSTOMER ASSIST 1 Customer Assistance 1/Level 2	/Y	VO	1.0		
8218020	CUSTOMER ASSIST 2 Customer Assistance 2/Level 2	/Y	VO	1.0		
B079100	CUST ASST TECH Customer Assistance Technology	30, 31 /		BUS ED TEACH CBE SECRETAR	1 @2 @7 @7 G	VOE @7 CLERICAL @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
MNA0083	CUST CARE REP Customer Care Representative	/Y	VO	1.0		
MNA0086	CUST CARE SPEC Customer Care Specialist	/Y	VO	1.0		
8212000	LEG ADMIN SPEC Legal Administrative Specialist	9-12, 30, 31 /		BUS ED VOE CLERICAL	1 @2 @7 @7 G	TEACH CBE @7 SECRETAR @7 G STENOGR @4 @7

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO		1.0
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2	/Y	VO		1.0
8215130	LEG ASPECTS OF BUS Legal Aspects of Business/Level 3	/Y	VO		1.0
8212230	LEGAL OFFICE TECH 1 Legal Office Technology 1/Level 2	/Y	VO		1.0
8212240	LEGAL OFFICE TECH 2 Legal Office Technology 2/Level 2	/Y	VO		1.0
8212250	LEGAL OFFICE TECH 3 Legal Office Technology 3/Level 2	/Y	VO		1.0
B072000	LEG ADMIN SPEC Legal Administrative Specialist	30, 31	/		BUS ED 1 @2 VOE @7 CLERICAL @7 G TEACH CBE @7 SECRETAR @7 G STENO @4 @7
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0
OTA0041	FRONT DESK SPEC Front Desk Specialist		/Y	VO	2.0
OTA0042	ADMIN SUPPORT Administrative Support		/Y	VO	1.0
OTA0050	LEGAL ADMIN SPEC Legal Administrative Specialist		/Y	VO	3.0
8212300	MED ADM SPEC Medical Administrative Specialist	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G VOE @7 STENO @4 @4 CLERICAL @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0		
8212110	ADM OFFICE TECH 1 Administrative Office Technology 1/ Level 2	/Y	VO	1.0		
8212120	BUS SOFTWARE APPL 1 Business Software Applications 1/ Level 2	/Y	VO	1.0		
8212201	MED OFF TECH 1 Medical Office Technology 1/Level 2	/Y	VO	1.0		
8212202	MED OFF TECH 2 Medical Office Technology 2/Level 2	/Y	VO	1.0		
8212203	MED OFF TECH 3 Medical Office Technology 3/Level 2	/Y	VO	1.0		
8212204	MED OFF INTERNSHIP Medical Office Internship/Level 2	/Y	VO	1.0		
B070300	MED ADM SPEC Medical Administrative Specialist	30, 31	/		BUS ED 1 @2 TEACH CBE @7 SECRETAR @7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	VOE @7 STENOG @4 @7 CLERICAL @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
OTA0041	FRONT DESK SPEC Front Desk Specialist	/Y	VO	2.0		
OTA0631	MEDICAL OFFICE TECH Medical Office Technologist	/Y	VO	2.0		
OTA0651	MEDICAL ADMIN SPEC Medical Administrative Specialist	/Y	VO	2.0		

## SUPPLEMENTAL PROGRAMS

8500375	BLUEPR PROF SUCCESS Blueprint for Professional Success/ Level 2	9-12, 30, 31	/Y	VO	1.0	VOC HME EC @4 MKTG 1 @2 BUS ED 1 @2 PRAC NURSE @7 G AGRICULTUR 1 @2 REG NURSE G	HOME EC @2 AGRI @2 FAM CON SC 1 TEC ED 1 @2 NURSING ED @5 VOC AGRI @4
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION				
8200420	BUSINESS COOP MGMT Business Cooperative Education Organization and Management	9-12, 30, 31 /M	VO	MULTIPLE	BUS ED 1 @2 VOE @7		TEACH CBE @7	
B079998	BUSINESS COOP ORG Business Cooperative Education Organization and Management	30, 31 /M	VO	MULTIPLE	ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G	TEACH CBE @7	
8200410	BUSINESS COOP ED OJT Business Cooperative Education-OJT	9-12, 30, 31 /M	VO	MULTIPLE	ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G	TEACH CBE @7	
B079999	BUSINESS COOP OJT Business Cooperative Education-OJT	30, 31 /	VO	MULTIPLE	ANY BUSINESS ED/TC BUS ED 1 @2 VOE @7	COOP ED E G	TEACH CBE @7	G
8200100	BUSINESS DIR STUDY Business Education Directed Study	11-12, 30, 31/M	VO	MULTIPLE	ANY BUSINESS ED G BUS ED 1 @2	COOP ED E G		
8299990	BUSINESS ED TRAN Business Education Transfer	9-12, 30, 31 /			NA			
B000000	BUSINESS ED TRAN Business Education Transfer	30, 31 /			NA			
8200110	BUSINESS KEYBD Business Keyboarding	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7		VOE @7	
8200130	BUS KEY & CAR PLAN Business Keyboarding and Career Planning	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2 VOE @7		TEACH CBE @7	
8200120	BUSINESS LEAD SKLS Business Leadership Skills	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7		VOE @7	
8200330	CPTR & BUSINESS SKLS Computer and Business Skills/Level 2	9-12, 30, 31 /S	VO	0.5	BUS ED 1 @2 VOE @7 BOOKKEEPIN @4 @7 CLERICAL @7 G TEC ELEC @7 G	G	TEACH CBE @7 BUS DP @7 ELECT DP @7 SECRETAR @7 STENO @4 @7	G
8200520	CPTR APPL BUS 1 Computer Applications in Business 1	6-8, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2		VOE @7 COMPU SCI 6	
8200220	CPTR APPL BUS 1 & CP Computer Applications in Business 1 and Career Planning	6-8, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 TEC ED 1 @2		VOE @7 COMPU SCI 6	
8200210	CPTR APPL BUSINESS 2 Computer Applications in Business 2	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7		VOE @7 COMPU SCI 6	
8200211	CPTR APPL BUSINESS 3 Computer Applications in Business 3	6-9, 30, 31 /S	VO	0.5	BUS ED 1 @2 TEACH CBE @7 CLERICAL @7 STENO @4 @7		VOE @7 SECRETAR @7 COMPU SCI 6	

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					1 @2	@7	@7	@6
8200212	CPTR APPL BUSINESS 4 Computer Applications in Business 4	6-9, 30, 31 /S	VO	0.5	BUS ED	1 @2	VOE	@7
					TEACH CBE	@7	SECRETAR	@7
					CLERICAL	@7	COMPU SCI	@6
					STENOG	@4 @7		
8207010	EMERG TECH BUSINESS Emerging Technology in Business/ Level 2	9-12, 30, 31 /Y	VO	1.0	BUS ED	1 @2	TEACH CBE	@7
					VOE	@7	ACCTING	@7 G
					TEC ELEC	\$7 G	BUS DP	@7 G
					ELECT DP	@7 G	MANAG SUPV	@7 G
					CLERICAL	@7 G	SECRETAR	@7 G
					BOOKKEEPIN	@4 @7 G		
8200320	KEYBD & BUSINESS SKL Keyboarding and Business Skills/ Level 2	9-12, 30, 31 /S	VO	0.5	BUS ED	1 @2	TEACH CBE	@7
					VOE	@7	CLERICAL	@7 G
					SECRETAR	@7 G	STENOG	@4 @7

-----  
EDUCATION & TRAINING CAREER CLUSTER

-----  
PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)  
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8909000	TCHR ASSIST Teacher Assisting	9-12, 30, 31 /				ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
8909010	TCHR ASSIST 1 Teacher Assisting 1/Level 2	/Y	VO	1.0		
8909020	TCHR ASSIST 2 Teacher Assisting 2/Level 2	/Y	VO	1.0		
8909030	TCHR ASSIST 3 Teacher Assisting 3/Level 2	/Y	VO	1.0		
8909040	TCHR ASSIST 4 Teacher Assisting 4/Level 2	/Y	VO	1.0		
P131299	TCHR ASSIST Teacher Assisting	30, 31 /				ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
EDG0312	SUB TEACHER Substitute Teacher	/Y	VO	1.0		
EDG0317	TEACHER ASST Teacher Assisting	/Y	VO	3.0		

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
----- TEACHING/TRAINING CAREER PATH (EDPC) -----				
V200206	CHILD CARE CTR OPS Child Care Center Operations	30, 31 /		VOC HME EC @4 @2 GEN HME EC @2 E CHILD ED @0 FAM CON SC 1 HME EC OCC c7 @7 G CH CARE TR 7 G HOMEMAKING c7 @7 @2 G PRIMARY ED @B PRESCH ED A PK PRIMARY H HOME EC @2
HEV0160	CHILD CARE CTR DIR Child Care Center Director	/Y	VO	0.0
<sup>a</sup> 8503210	EARLY CHILD ED Early Childhood Education	9-12, 30, 31 /		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A HME EC OCC c7 FAM CON SC 1 HOME EC @2 HOMEMAKING c7 @2 E CHILD ED @0 PK PRIMARY H
8503211	EARLY CHILD ED 1 Early Childhood Education 1/Level 2	/Y	VO	1.0
8503212	EARLY CHILD ED 2 Early Childhood Education 2/Level 2	/Y	PA	1.0
8503213	EARLY CHILD ED 3 Early Childhood Education 3/Level 2	/Y	PA	1.0
8503214	EARLY CHILD ED 4 Early Childhood Education 4/Level 3	/Y	VO	1.0
<sup>a</sup> V200210	EARLY CHILD ED Early Childhood Education	30, 31 /		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H CH CARE TR 7 G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE GEN HME EC @2 E CHILD ED @0 HOME EC @2 FAM CON SC 1
HEV0117	CHILD CARE WKR - PS Child Care Worker - Preschool	/S	VO	0.5
HEV0101	CHILD CARE TEACH AID Child Care Teacher Aide	/S	VO	0.5
HEV0156	PRESCHOOL TEACHER Preschool Teacher	/Y	PA	2.0
HEV0162	CHILD CARE DEV SPEC Child Care Development Specialist	/Y	VO	1.0
<sup>a</sup> 8405100	EARLY CHILD ED NEW Early Childhood Education NEW	9-12, 30, 31 /		VOC HME EC @4 @2 HOMEMAKING c7 @2 E CHILD ED @0 PK PRIMARY H PRIMARY ED @B PRESCH ED A HME EC OCC c7 FAM CON SC 1

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	
8405110	EARLY CHILD NEW 1 Early Childhood Education 1 NEW/ Level 2		/Y VO	1.0		
8405120	EARLY CHILD NEW 2 Early Childhood Education 2 NEW/ Level 2		/Y VO	1.0		
8405130	EARLY CHILD NEW 3 Early Childhood Education 3 NEW/ Level 2		/Y VO	1.0		
8405140	EARLY CHILD NEW 4 Early Childhood Education 4 NEW/ Level 3		/Y VO	1.0		
≈E300100	EARLY CHILD ED NEW Early Childhood Education NEW	30, 31	/		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A FAM CON SC 1 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	GEN HME EC @2 E CHILD ED @0 PK PRIMARY H CH CARE TR 7 G
HEV0870	CHILD CARE WKR 1 Child Care Worker 1		/S VO	1.0		
HEV0871	CHILD CARE WKR 2 Child Care Worker 2		/S VO	1.0		
HEV0872	TEACHER AIDE (PRESC) Teacher Aide (Preschool)		/S VO	1.0		
HEV0873	TEACHER (PRESCHOOL) Teacher (Preschool)		/S VO	1.0		
V20021R	EARLY CHILD ED-APPR Early Childhood Education - Apprenticeship	30, 31	/			
V200410	FAM CHILD CARE TRAIN Family Child Care Training	30, 31	/		VOC HME EC @4 @2 HOMEMAKING @7 @7 @2 G E CHILD ED @0 HOME EC @2 HME EC OCC @7 @7 G CH CARE TR 7 G	GEN HME EC @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H FAM CON SC 1
HEV0119	FAM CHILD CARE PROV Family Child Care Provider		/Y VO	0.0		
V200310	SCH AGE CER TRAIN School Age Certification Training	30, 31	/		VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H	GEN HME EC @2 E CHILD ED @0 HOME EC @2 FAM CON SC 1
HEV0112	CHILD CARE WKR - SA Child Care Worker - School Age		/Y VO	0.0		
HEV0190	SCHOOL AGE CARE PROF School Age Care Professional		/S VO	0.5		



SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8500160	S SCH AGE CER TRAIN Secondary School Age Certi fi cation Train ing	9-12, 30, 31 /			VOC HME EC @4 @2 PRIMARY ED @B PRESCH ED A PK PRIMARY H GEN HME EC @2 E CHIL D ED @0 HOME EC @2 FAM CON SC 1
8500170	S SCH AGE CER TRAIN1 Secondary School Age Certi fi cation Train ing 1/Level 2	/Y	VO		1.0
8500175	S SCH AGE CER TRAIN2 Secondary School Age Certi fi cation Train ing 2/Level 2	/Y	VO		1.0
8500180	S SCH AGE CER TRAIN3 Secondary School Age Certi fi cation Train ing 3/Level 2	/Y	VO		1.0
8500185	S SCH AGE CER TRAIN4 Secondary School Age Certi fi cation Train ing 4/Level 2	/Y	VO		1.0

GENERAL PROGRAMS

8409100	CAREERS IN EDUC Careers in Education	6-8, 30, 31 /			0.5	VOC HME EC @4 HOME EC @2 FAM CON SC 1
8409200	CAREERS IN ED & CP Careers in Education and Career Pl anni ng	6-8, 30, 31 /			0.5	VOC HME EC @4 HOME EC @2 FAM CON SC 1
8500310	CHIL D DEV Chi ld Devel opment/Level 2	9-12, 30, 31 /S	VO		0.5	E CHIL D ED @0 PRESCH ED A PRIMARY ED @B FAM CON SC 1 VOC HME EC @4 HOME EC @2 PK PRIMARY H
8500100	FAM&CONS SCI DIR ST Fami ly and Consumer Sci ences Di rected Study	9-12, 30, 31 /M	VO	MULTIPLE		HOME EC @2 ANY HOME ECONOMIC S ED G PRESCH ED A E CHIL D ED 2 SC FOOD SV @6 FAM CON SC 1 VOC HME EC @4 HOME EC @2 HOMEMAKING c7 @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @2 PRIMARY ED @B E CHIL D ED @0 CULINARY 7 G
8500410	FAM & CONS SCI - OJT Fami ly and Consumer Sci ences-OJT	9-12, 30, 31 /M	VO	MULTIPLE		HOME EC @2 ANY HOME EC/TC COOP ED E G PK PRIMARY H FAM CON SC 1 GEN HME EC @2 PRIMARY ED @B E CHIL D ED @0 HME EC OCC c7 CULINARY 7 G QUAN FOOD @7 G c7 VOC HME EC @4 PRESCH ED A SC FOOD SV @6

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
					GEN HME EC @2	HME EC OCC C7 @7 G
V209999	FAM & CONS SCI - OJT Family and Consumer Sciences-OJT	30, 31 /		4.0	HOME EC @2 PRESCH ED A PRIMARY ED @B SC FOOD SV @6 HOMEMAKING C7 G @2 @7	PK PRIMARY H E CHILD ED @0 QUAN FOOD @7 G C7 FAM CON SC 1 VOC HME EC @4 @2

## ENERGY CAREER CLUSTER

## ENERGY

I 460303	ELEC LINE SERV & REP Electrical Line Service and Repair	30, 31 /			ELECTRICAL @7 G	TEC ELEC @7 G
EEV0151	ELECT POWERLINE INS1 Electrical Powerline Installer 1		/Y	VO	MULTIPLE	
I 46030R	ELEC LINESER&RPR-APP Electrical Line Service and Repair - Apprenticeship	30, 31 /				
9700200	ENERGY GENERATION TE Energy Generation Technician	9-12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G DIST ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/Level 3		/Y	VO	1.0	
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	VO	1.0	
9700210	ENERGY GENERATION TE Energy Generation Technician/Level 3		/Y	VO	1.0	
X600200	ENERGY GENERATION TE Energy Generation Technician	30, 31 /				CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
EEV0202	ENERGY GENERATION TE Energy Generation Technician		/Y	VO	3.0	
9700300	ENERGY TECHNICIAN Energy Technician	9-12, 30, 31 /				CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8006110	ENERGY FOUNDATIONS Energy Foundations/Level 3		/Y	VO	1.0
8727210	ELECTRICITY 1 Electricity 1/Level 2		/Y	VO	1.0
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	VO	1.0
8727220	ELECTRICITY 2 Electricity 2/Level 2		/Y	VO	1.0
9700100	POWER DIST TECH Power Distribution Technician	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/Level 3		/Y	VO	1.0
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	VO	1.0
9700110	POWER DIST TECH Power Distribution Technician/Level 3		/Y	VO	1.0
X600100	POWER DIST TECH Power Distribution Technician	30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
EEV0201	POWER DIST TECH Power Distribution Technician		/Y	VO	3.0
8006100	SOLAR ENERGY TECH Solar Energy Technology	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
8006110	ENERGY FOUNDATIONS Energy Foundations/Level 3		/Y	VO	1.0
8006120	INTRO TO ALT ENERGY Introduction to Alternative Energy/ Level 3		/Y	VO	1.0
8006130	SOLAR ENERGY TECH Solar Energy Technician/Level 3		/Y	VO	1.0
A600200	SOLAR ENERGY TECH Solar Energy Technology	30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE ELECTRICAL @7 G IND ENGR @7 G TEC ED 1 @2
EEV0200	SOLAR ENERGY TECH Solar Energy Technician		/	VO	3.0

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
✱X600400	SOLAR PHOTO SYS DSGN Solar Photovoltaic System Design, Installation and Maintenance - Entry Level	30, 31 /			ELECTRICAL @7 G BLDG MAINT @7 G TEC CONSTR @7 G	AIR COND @7 G BLDG CONST @7 G
EEV0205	SOLAR PHOTO HELPER Solar Photovoltaic System Installation and Maintenance Helper	/Y	VO	1.0		
EEV0206	SOLAR PHOTO TECH Solar Photovoltaic System Installation and Maintenance Technician	/Y	VO	3.0		
X600300	SOLAR THER SYS DSGN Solar Thermal System Design, Installation and Maintenance - Entry Level	30, 31 /			PLUMBIN @7 G AIR COND @7 G BLDG CONST @7 G	ELECTRICAL @7 G BLDG MAINT @7 G TEC CONSTR @7 G
EEV0203	SOL THER SY DSG, HLP Solar Thermal System Design, Installation and Maintenance Helper	/Y	VO	2.0		
EEV0204	SOL THER SY DSG, TEC Solar Thermal System Design, Installation and Maintenance Technician	/Y	VO	2.0		
✱9700500	TURB GEN MAINT, INSP Turbine Generator Maintenance, Inspection and Repair	9-12, 30, 31 /			TEC CONSTR @7 G BLDG CONST @7 G	MILLWRIGHT @7 G IND ENGR @7 G
9700510	TURB GEN MAINT SK 1 Turbine Generator Maintenance Skills 1/Level 2	/S	VO	1.0		
9700520	TURB GEN MAINT SK 2 Turbine Generator Maintenance Skills 2/Level 2	/S	VO	1.0		
9700530	TURB GEN MAINT SK 3 Turbine Generator Maintenance Skills 3/Level 2	/S	VO	1.0		
9700540	TURB GEN MAINT 4 Turbine Generator Maintenance 4/ Level 2	/S	VO	1.0		
9700550	TURB GEN MAINT 5 Turbine Generator Maintenance 5/ Level 2	/S	VO	1.0		
9700560	TURB GEN MAINT 6 Turbine Generator Maintenance 6/ Level 2	/S	VO	1.0		
9700570	TURB GEN MECH 7 Turbine Generator Mechanic 7/Level 2	/S	VO	1.0		

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUI REMENTS		
9700580	TURB GEN MECH 8 Turbi ne Generator Mechani c 8/Level 2	/S	VO		1.0
9700590	TURB GEN MECH 9 Turbi ne Generator Mechani c 9/Level 2	/S	VO		1.0
✕X600500	TURB GEN MAINT, INSP Turbi ne Generator Mai ntenance, Inspecti on and Repair	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G
EEV0140	TURB GEN MAINT TE I Turbi ne Generator Mai ntenance Techni ci an I	/Y	VO		3.0
EEV0141	TURB GEN MAINT TE II Turbi ne Generator Mai ntenance Techni ci an II	/Y	VO		3.0
EEV0142	TURB GEN MAINT MECH Turbi ne Generator Mai ntenance Mechani c	/Y	VO		3.0
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## | FINANCE CAREER CLUSTER |

## FINANCIAL &amp; INVESTMENT PLANNING CAREER PATH (FNPA)

8815100	FINANCE Fi nance	9-12, 30, 31	/			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8815150	FIN & BUS TECH Fi nance and Busi ness Technol ogy/ Level 2		/Y	VO	1.0	
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2		/Y	PA	1.0	
8203310	ACCT APPL 1 Accounting Appli cations 1/Level 2		/Y	VO	1.0	
8815110	FINANCIAL OPS Fi nanci al Operati ons/Level 3		/Y	VO	1.0	
2102360	AP MI CROECONOMI CS AP Mi croeconomi cs		/Y	EC	0.5	
2102370	AP MACROECONOMI CS AP Macroeconomi cs		/Y	EC	0.5	
8815130	FINANCIAL INTERN Fi nanci al Internshi p/Level 2 OR		/M	VO	MULTIPLE	

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION	
					TEACH CDE	BUS ED
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2		/M VO	MULTIPLE		
8815120	PERS FIN PLAN Personal Financi al Pl anni ng/Level 3		/Y VO	1.0		
M804011	FINANCE Finance	30, 31	/		TEACH CDE @7 BANK FINC @7 G MKTG 1 @2	BUS ED 1 @2 DIST ED @7 MKTG MGMT @7 G
BRC0090	FIN & BUS TECH Finance and Busi ness Technol ogy		/Y VO	1.0		
BRC0091	ACCOUNTING APPS 1 Accounti ng Appl icati ons 1		/Y VO	1.0		
BRC0094	FINANCI AL OPERATI ONS Financi al Operati ons		/Y VO	1.0		
BRC0945	FINANCI AL INTERNSHIP Financi al Internship		/Y VO	1.0		
BRC0093	PERSONAL FIN PLAN Personal Financi al Pl anni ng		/Y VO	1.0		
8515300	GLOBAL FINANCE Gl obal Finance	9-12, 30, 31	/		TEACH CDE @7 DIST ED @7 BUS ED 1 @2	BANK FINC @7 G MKTG MGMT @7 G MKTG 1 @2
8815150	FIN & BUS TECH Finance and Busi ness Technol ogy/ Level 2		/Y VO	1.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8203310	ACCT APPL 1 Accounti ng Appl icati ons 1/Level 2		/Y VO	1.0		
8815160	MANAGERIAL ACCT Manageri al Accounti ng/Level 3		/Y VO	1.0		
8815130	FINANCI AL INTERN Financi al Internship/Level 2 OR		/M VO	MULTIPLE		
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2		/M VO	MULTIPLE		
8815170	BUS IN A GLOBAL ECON Busi ness In A Gl obal Economy/Level 3		/Y VO	1.0		
F100110	GLOBAL FINANCE Gl obal Finance	30, 31	/		TEACH CDE @7 DIST ED @7 BUS ED 1 @2	BANK FINC @7 G MKTG MGMT @7 G MKTG 1 @2
BRC0090	FIN & BUS TECH Finance and Busi ness Technol ogy		/Y VO	1.0		
BRC0091	ACCOUNTING APPS 1 Accounti ng Appl icati ons 1		/Y VO	1.0		

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
AC00050	MANAGERIAL ACCOUNT Managerial Accounting		/Y	VO	1.0
BRC0945	FINANCIAL INTERNSHIP Financial Internship		/Y	VO	1.0
BRC0099	BUS IN A GLOBAL ECON Business in A Global Economy		/Y	VO	1.0
F100100	IND INCOME TAX PREP Individual Income Tax Preparation	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
TAX0090	BASIC IND TAX PREP Basic Individual Tax Preparation		/Y	VO	0.0
TAX0091	INTERMED TAX PREP Intermediate Tax Preparation		/Y	VO	0.0
TAX0092	ADVANCED TAX PREP Advanced Tax Preparation		/Y	VO	0.0
F100200	PERS FINANCE PLAN Personal Financial Planning	30, 31	/		PER FIN PL 7 G
BRC0080	ESTATE PLANNER Estate Planner		/Y	VO	0.0
BRC0081	INCOME TAX PLANNING Income Tax Planning		/Y	VO	0.0
BRC0082	INVESTMENT PLANNING Investment Planning		/Y	VO	0.0
BRC0083	EMP BENEFIT & RETIRE Employee Benefits And Retirement Planning		/Y	VO	0.0
BRC0084	PRIN OF FIN & INS Principles Of Financial And Insurance Planning		/Y	VO	0.0
BRC0089	PER FIN PLANNING Personal Financial Planning (Capstone)		/Y	VO	0.0
BANKING & RELATED SERVICES CAREER PATH (FNPC)					
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ªM807050	MORTGAGE BROKER LOAN ORIGINATOR Mortgage Broker Loan Originator	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0092	LOAN OFFICERS Loan Officers		/Y	VO	0.0
ªM804990	TELLER OPERATIONS Teller Operations	30, 31	/		BANK FINC @7 G TEACH CDE @7 MKTG 1 @2 DIST ED @7 BUS ED 1

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	INDUSTRIAL
BRC0109	TELLERS Tellers		/Y VO	1.0		
<sup>a</sup> 8815200	TELLER OPERATIONS Teller Operations/Level 2	9-12, 30, 31	/Y VO	1.0	BANK FINC TEACH CDE BUS ED	@7 G @7 1
						DIST ED MKTG
						@7 1 @2
----- INSURANCE SERVICES CAREER PATH (FNPD) -----						
M810011	HEALTH INS MARKET Health Insurance Marketing	30, 31	/		INSURANCE	@7 G
RMI 0097	INS SALES AGT (HLTH) Insurance Sales Agent (Health Only)		/Y VO	0.0		
M810015	INS CLAIMS ADJUSTER Insurance Claims Adjuster	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0094	INSURANCE CLAIMS ADJ Insurance Claims Adjuster		/Y VO	0.0		
M810013	INS CUSTOMER REPR Insurance Customer Representative	30, 31	/		INSURANCE	@7 G
RMI 0095	INSURANCE CUST REP Insurance Customer Representative		/S VO	0.5		
M810016	INS CUST SERV REP Insurance Customer Service Representative	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0093	(INS) CUST SRV REP (Insurance) Customer Service Representative		/Y VO	0.0		
M810014	INS GEN LINES AGENT Insurance General Lines Agent	30, 31	/		INSURANCE	@7 G
RMI 0096	INS GEN LINES AGENT Insurance General Line Agent		/Y VO	1.0		
F700100	LIFE & VAR ANNUITY Life and Variable Annuity Pre-licensing	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
RMI 0070	LIFE & VAR ANNUITY Life And Variable Annuity Pre-licensing		/Y VO	0.0		
M810012	LIFE INS MARKETING Life Insurance Marketing	30, 31	/		INSURANCE	@7 G
RMI 0099	INS SALES AGT - LHA Insurance Sales Agent - Life, Health and Annuities		/Y VO	0.0		
M810020	PERS LINES INS(20-44) Personal Lines Insurance (20-44)	30, 31	/		INSURANCE	@7 G



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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
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RMI 0098	PERS LINES INS AGT Personal Lines Insurance Agent (20-44)	/Y	VO	0.0
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GENERAL PROGRAMS

8500120	PERS & FAM FIN Personal and Family Finance/Level 2	9-12, 30, 31 /S	VO	0.5	VOC HME EC @4 FAM CON SC 1 BUS ED 1 @2	GEN HME EC @4 HOME EC @2
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GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER

GOVERNANCE CAREER PATH (GVPA)

8744000	PUBLIC WORKS Public Works	9-12, 30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
8744010	PUBLIC WORKS CAD 1 Public Works Cadet 1/Level 2	/Y	VO	1.0	
8744020	PUBLIC WORKS CAD 2 Public Works Cadet 2/Level 2	/Y	VO	1.0	
8744030	PUBLIC WORKS CAD 3 Public Works Cadet 3/Level 2	/Y	VO	1.0	
2001310	AND ONE OF THE FOLLOWING COURSES: Earth/Space Science	/Y	SC	1.0	
2001340	Earth/Space Science Envi r. Science	/Y	SC	1.0	
2003310	Envi ronmental Science Physi cal Science	/Y	SC	1.0	
1470304	Physi cal Science PUB LIC WORKS Public Works	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
ETC0003	PUB WORKS CADET 1 Public Works Cadet 1 (Core)	/Y	VO	1.0	
ETC0004	PUB WORKS CADET 2 Public Works Cadet 2	/Y	VO	1.0	
ETC0005	PUB WORKS CADET 3 Public Works Cadet 3	/Y	VO	1.0	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
----- PLANNING CAREER PATH (GVPD) -----				
8602000	EMER PLAN & RESPONSE Emergency Planning and Response	9-12	/	PUB SERV @7 G
8602010	EMER PLAN & RESP 1 Emergency Planning and Response 1/ Level 3		/Y VO	1.0
8602020	EMER PLAN & RESP 2 Emergency Planning and Response 2/ Level 3		/Y VO	1.0
8602030	EMER PLAN & RESP 3 Emergency Planning and Response 3/ Level 3		/Y VO	1.0
8602040	EMER PLAN & RESP 4 Emergency Planning and Response 4/ Level 3		/Y VO	1.0
----- PUBLIC MANAGEMENT & ADMINISTRATION CAREER PATH (GVPG) -----				
<sup>a</sup> P440401	PUBLIC ADMIN SUPV Public Administration Supervision	30, 31	/	PUB SERV @7 G      PUB ADM @7 G
PAD0875	HUMAN RESOURCES MGR1 Human Resources Manager 1		/Y VO	2.5
PAD0876	HUMAN RESOURCES MGR2 Human Resources Manager 2		/Y VO	2.5
PAD0877	HUMAN RESOURCES MGR3 Human Resources Manager 3		/Y VO	2.5
----- SUPPLEMENTAL PROGRAMS -----				
8900210	EX OF PS OCCS Exploration of Public Service Occupations	6-9, 30, 31	/S VO	0.5 ANY PUB SERV OCC ED G TEC CONSTR @7 G
8900330	PRIN PUB SERV Principles of Public Service/Level 2	9-12, 30, 31	/Y VO	1.0 ANY PUB SERV OCC ED G

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
-----				
HEALTH SCIENCE CAREER CLUSTER				
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THERAPEUTIC SERVICES CAREER PATH (HLPA)				
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8417130	ALLIED HEALTH ASSIST	9-12, 30, 31 /		CERTIFICATION BY COURSE
8417100	Allied Health Assisting HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0
8417131	ALLIED HLTH ASSIST 3 Allied Health Assisting 3/Level 2	/Y	VO	1.0
8417140	DENTAL AIDE Dental Aide	9-12, 30, 31 /		CERTIFICATION BY COURSE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0
8417141	DENTAL AIDE 3 Dental Aide 3/Level 2	/Y	VO	1.0
H170104	DENTAL ASSIST Dental Assisting	30, 31 /		DENTL ASST @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	DENTAL HYG @7
DEA0720	DENTAL STERILE TECH Dental Sterile Technician	/Y	VO	1.0
DEA0721	DENTAL ASSISTANT 1 Dental Assistant 1	/Y	VO	1.0
DEA0722	DENTAL ASSISTANT 2 Dental Assistant 2	/Y	VO	2.0
DEA0723	DENTAL ASSISTANT 3 Dental Assistant 3	/Y	VO	3.0
H170105	DEN ASST TECH&MGATD Dental Assisting Technology and Management - ATD	30, 31 /		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0
DEA0720	DENTAL STERILE TECH Dental Sterile Technician	/Y	VO	1.0
DEA0721	DENTAL ASSISTANT 1 Dental Assistant 1	/Y	VO	1.0

SECTION 5

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
DEA0722	DENTAL ASSISTANT 2 Dental Assistant 2	/Y	VO	2.0
DEA0723	DENTAL ASSISTANT 3 Dental Assistant 3	/Y	VO	3.0
8417150	DEN LAB ASST Dental Laboratory Assisting	9-12, 30, 31 /		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0
8417151	DEN LAB ASSIST 3 Dental Laboratory Assisting 3/Level 2	/Y	VO	1.0
8417152	DEN LAB ASSIST 4 Dental Laboratory Assisting 4/Level 2	/Y	VO	1.0
H170103	DENTAL LAB TECH Dental Laboratory Technology	30, 31 /		DEN LABTEC @7 G DENTAL TEC \$7 \$G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0
DEA0705	DENTURE TECH 1 Denture Technician 1	/Y	VO	2.0
DEA0713	DENTURE TECH 2 Denture Technician 2	/Y	VO	2.0
DEA0706	ADV DENTURE TECH Advanced Denture Technician	/Y	VO	2.5
DEA0709	CROWN & BRIDGE TECH Crown and Bridge Technician	/Y	VO	2.0
DEA0710	CERAMIC TECH Ceramic Technician	/Y	VO	1.5
DEA0005	DENTAL LAB TECH Dental Lab Technician	/Y	VO	1.5
8417160	EKG AIDE Electrocardiograph Aide	9-12, 30, 31 /		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0
8417161	EKG AIDE 3 Electrocardiograph Aide 3/Level 2	/S	VO	0.5
8417170	EMERG MED RESPONDER Emergency Medical Responder	9-12, 30, 31 /		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2	/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2	/Y	VO	1.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8417171	EMERG MED RESP 3 Emergency Medi cal Responder 3/Level 2		/Y	VO	1.0
84171500	EMERG MED RESP Emergency Medi cal Responder	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0050	EMERG MED RESP Emergency Medi cal Responder		/Y	VO	1.0
W170205	EMT (BASIC) Emergency Medi cal Techni ci an (Basi c)	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0159	EMER MEDICAL TECH Emergency Medi cal Techni ci an		/Y	VO	1.0
W170208	EMT (Basi c)-ATD Emergency Medi cal Techni ci an(Basi c) -ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
EMS0159	EMER MEDICAL TECH Emergency Medi cal Techni ci an		/Y	VO	1.0
8417000	HEALTH & WELLNESS Heal th and We llness	9-12, 30, 31	/	VO	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Heal th Sci ence 2/Level 2		/Y	VO	1.0
8417120	HEALTH & WELLNESS 3 Heal th and We llness 3/Level 2		/Y	VO	1.0
8417280	HEAL UNIT COOR (NEW) Heal th Uni t Coordi nator (NEW) (Secondary)	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Heal th Sci ence 2/Level 2		/Y	VO	1.0
8417281	HEALTH UNIT COOR 1 Heal th Uni t Coordi nator 1/Level		/Y	VO	1.0
8417282	HEALTH UNIT COOR 2 Heal th Uni t Coordi nator 2/Level 2		/Y	VO	1.0
8417180	HEALTH UNIT COOR (S) Heal th Uni t Coordi nator (Secondary)	10-12, 30, 31/			CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Heal th Sci ence 1/Level 2		/Y	VO	1.0

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417181	HLTH UNIT COOR 3 Health Unit Coordinator 3/Level 2		/Y	VO	1.0
H170207	HEMODIALYSIS TECH Hemodialysis Technician	30, 31	/		PRAC NURSE @7 G HEMO TEC 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MLT0368	DIALYSIS TECH 1 Dialysis Technician 1		/Y	VO	1.5
MLT0369	DIALYSIS TECH 2 Dialysis Technician 2		/Y	VO	1.5
H170604	HME HLTH AIDE (PS) Home Health Aide (Postsecondary)	30, 31	/		PRAC NURSE @7 G REG NURSE G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HCP0330	HOME HEALTH AIDE Home Health Aide		/Y	VO	0.5
8417190	HME HEALTH AIDE (S) Home Health Aide (Secondary)	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417191	HME HLTH AIDE 3 Home Health Aide 3/Level 2		/S	VO	0.5
H120405	MASSAGE THERAPY Massage Therapy	30, 31	/		MASSEUR @7 G MASSAGE TH 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MSS0205	MASSAGE THERAPIST 1 Massage Therapist 1		/Y	VO	2.0
MSS0206	MASSAGE THERAPIST 2 Massage Therapist 2		/Y	VO	2.0
H170503	MEDICAL ASSISTING Medical Assisting	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MEA0500	MED OFFICE RECEP Medical Office Receptionist		/S	VO	0.5
MEA0521	PHLEBOTOMIST, MA Phlebotomist, MA		/S	VO	0.5
MEA0543	EKG AIDE, MA EKG Aide, MA		/S	VO	0.5

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
MEA0550	MEDICAL ASST 1 Medical Assistant 1		/Y	VO	2.0
MEA0551	MEDICAL ASST 2 Medical Assistant 2		/Y	VO	2.0
MEA0552	MEDICAL ASST 3 Medical Assistant 3		/Y	VO	2.0
8417200	MED LAB ASSIST Medical Laboratory Assisting (Secondary)	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417201	MED LAB ASSIST 3 Medical Laboratory Assisting 3/Level 3		/Y	VO	1.0
8417202	MED LAB ASSIST 4 Medical Laboratory Assisting 4/Level 3		/Y	VO	1.0
8417210	NURSE AST Nursing Assistant (Acute and Long Term Care)	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417211	NURSE ASSIST 3 Nursing Assistant 3/Level 3		/Y	VO	1.0
H170690	NURSING ASST (ART.) Nursing Assistant (Articulated)	30, 31	/		PRAC NURSE @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/S	VO	0.5
H170602	NURSING ASSISTANT Nursing Assistant (Long Term Care)	30, 31	/		PRAC NURSE @7 G REG NURSE 7 G
PRN0090	NURSE AIDE & ORDERLY Nurse Aide and Orderly		/Y	VO	1.0
H170704	OPTOMETRIC ASSIST Optometric Assisting	30, 31	/		TEC OPTICS @7 G OPTOM ASST @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
OPT0005	OPTOMETRIC ASST 1 Optometric Assistant 1		/Y	VO	2.0
OPT0006	OPTOMETRIC ASST 2 Optometric Assistant 2		/Y	VO	2.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
OPT0007	OPTOMETRIC ASST 3 Optometric Assistant 3		/Y	VO	2.0
W170206	PARAMEDIC Paramedic	30, 31	/		PRAC NURSE @7 EMR MED TE @7
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
EMS0219	PARAMEDIC 1 Paramedic 1		/Y	VO	2.0
EMS0220	PARAMEDIC 2 Paramedic 2		/Y	VO	2.0
EMS0221	PARAMEDIC 3 Paramedic 3		/Y	VO	2.0
H170692	PATIENT CARE ASST. Patient Care Assistant	30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/S	VO	0.5
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide		/Y	VO	0.0
HCP0020	PATIENT CARE ASST Patient Care Assistant		/S	VO	0.5
H170694	PATIENT CARE TECH Patient Care Technician	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)		/S	VO	0.5
HCP0332	ADV HOME HEALTH AIDE Advanced Home Health Aide		/Y	VO	0.0
HCP0020	PATIENT CARE ASST Patient Care Assistant		/S	VO	0.5
HSC0016	ALLIED HEALTH ASST Allied Health Assistant		/Y	VO	1.0
MEA0580	ADV ALL HEALTH ASST Advanced Allied Health Assistant		/S	VO	0.5
PRN0094	PATIENT CARE TECH Patient Care Technician		/Y	VO	0.0
8418200	PHARMACY TECHNICIAN Pharmacy Technician	9-12, 30, 31	/		PHARMACY @7 G
8418210	PHARM TECH 1 Pharmacy Technician 1/ Level 2		/Y	VO	1.0
8418220	PHARM TECH 2 Pharmacy Technician 2/ Level 2		/Y	VO	1.0



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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8418230	PHARM TECH 3 Pharmacy Techni ci an 3/ Level 2		/Y	VO	1.0
8418240	PHARM TECH 4 Pharmacy Techni ci an 4/ Level 2		/Y	VO	1.0
8418250	PHARM TECH 5 Pharmacy Techni ci an 5/ Level 2		/Y	VO	1.0
8418260	PHARM TECH 6 Pharmacy Techni ci an 6/ Level 2		/Y	VO	1.0
8418270	PHARM TECH 7 Pharmacy Techni ci an 7/ Level 2		/Y	VO	1.0
ªH170507	PHARMACY TECHNI CIAN Pharmacy Techni ci an	30, 31	/		PHARMACY @7 G
HSC0003	BASI C HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
PTN0080	COMM PHARMACY TECH Communi ty Pharmacy Techni ci an		/Y	VO	2.0
PTN0082	PHARMACY TECH 1 Pharmacy Techni ci an 1		/Y	VO	2.0
PTN0083	PHARMACY TECH 2 Pharmacy Techni ci an 2		/Y	VO	2.0
ªH170500	PHARMACY TECH (NEW) Pharmacy Techni ci an (NEW)	30, 31	/		PHARMACY @7 G
HSC0003	BASI C HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
PTN0084	PHARMACY TECH 1 Pharmacy Techni ci an 1		/Y	VO	2.0
PTN0085	PHARMACY TECH 2 Pharmacy Techni ci an 2		/Y	VO	2.0
PTN0086	PHARMACY TECH 3 Pharmacy Techni ci an 3		/Y	VO	2.0
ªH170700	PHAR TECH (NEW)ATD Pharmacy Techni ci an (NEW)--ATD	30, 31	/		
HSC0003	BASI C HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
PTN0084	PHARMACY TECH 1 Pharmacy Techni ci an 1		/Y	VO	2.0
PTN0085	PHARMACY TECH 2 Pharmacy Techni ci an 2		/Y	VO	2.0
PTN0086	PHARMACY TECH 3 Pharmacy Techni ci an 3		/Y	VO	2.0
ªH170606	PHARMACY TECH--ATD Pharmacy Techni ci an--ATD	30, 31	/		
HSC0003	BASI C HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
PTN0080	COMM PHARMACY TECH Community Pharmacy Technician	/Y	VO		2.0
PTN0082	PHARMACY TECH 1 Pharmacy Technician 1	/Y	VO		2.0
PTN0083	PHARMACY TECH 2 Pharmacy Technician 2	/Y	VO		2.0
8418300	PRACTICAL NURSING Practical Nursing	9-12, 30, 31	/		PRAC NURSE @7 G REG NURSE G
8418310	PRACTICAL NURSING 1 Practical Nursing 1/Level 3	/Y	VO		1.0
8418320	PRACTICAL NURSING 2 Practical Nursing 2/Level 3	/Y	VO		1.0
8418330	PRACTICAL NURSING 3 Practical Nursing 3/Level 3	/Y	VO		1.0
8418340	PRACTICAL NURSING 4 Practical Nursing 4/Level 3	/Y	VO		1.0
8418350	PRACTICAL NURSING 5 Practical Nursing 5/Level 3	/Y	VO		1.0
8418360	PRACTICAL NURSING 6 Practical Nursing 6/Level 3	/Y	VO		1.0
8418370	PRACTICAL NURSING 7 Practical Nursing 7/Level 3	/Y	VO		1.0
8418380	PRACTICAL NURSING 8 Practical Nursing 8/Level 3	/Y	VO		1.0
8418390	PRACTICAL NURSING 9 Practical Nursing 9/Level 3	/Y	VO		1.0
H170605	PRACTICAL NURSING Practical Nursing	30, 31	/		PRAC NURSE @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO		1.0
HCP0121	NURSE AIDE & ORDERLY Nurse Aide and Orderly (Articulated)	/S	VO		0.5
PRN0091	PRAC NURSE 1 Practical Nurse 1	/Y	VO		1.5
PRN0092	PRAC NURSE 2 Practical Nurse 2	/Y	VO		3.0
PRN0093	PRAC NURSE 3 Practical Nurse 3	/Y	VO		1.5
PRN0095	PRAC NURSE 4 Practical Nurse 4	/Y	VO		1.5
PRN0096	PRAC NURSE 3 Practical Nurse 3	/Y	VO		3.0
H181106	PSYCHIATRIC TECH Psychiatric Technology	30, 31	/		PRAC NURSE @7 G REG NURSE 7 G MENT HEAL @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HCP0852	PSYCHIATRIC AIDE Psychiatric Aide		/Y	VO	2.0
H170300	SURG FIRST ASST-ATD Surgical First Assisting - ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
STS0015	CENTRAL SUPPLY TECH Central Supply Technician		/Y	VO	1.0
STS0016	SURGICAL FIRST ASST1 Surgical First Assistant 1		/Y	VO	2.0
STS0017	SURGICAL FIRST ASST2 Surgical First Assistant 2		/Y	VO	2.0
STS0018	SURGICAL FIRST ASST3 Surgical First Assistant 3		/Y	VO	3.0
H170211	SURGICAL TECHNOLOGY Surgical Technology	30, 31	/		OPR RM TEC @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
STS0015	CENTRAL SUPPLY TECH Central Supply Technician		/Y	VO	1.0
STS0010	SURGICAL TECH 1 Surgical Technologist 1		/Y	VO	2.0
STS0011	SURGICAL TECH 2 Surgical Technologist 2		/Y	VO	2.0
STS0012	SURGICAL TECH 3 Surgical Technologist 3		/Y	VO	2.0
8417230	VISION CARE ASSIST Vision Care Assisting	9-12, 30, 31	/		CERTIFICATION BY COURSE SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8417100	HEALTH SCIENCE 1 Health Science 1/Level 2		/Y	VO	1.0
8417110	HEALTH SCIENCE 2 Health Science 2/Level 2		/Y	VO	1.0
8417231	VISION CARE ASSIST 3 Vision Care Assisting 3/Level 3		/Y	VO	1.0
8417232	VISION CARE ASSIST 4 Vision Care Assisting 4/Level 3		/Y	VO	1.0

DIAGNOSTIC SERVICES CAREER PATH (HLPB)

H170209	BASIC X-RAY MACHI Basic X-Ray Machine Operator	30, 31	/		TEC X RAY @7 G
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
RTE0095	BAS X-RAY MACH OP 1 Basic X-Ray Machine Operator 1		/Y	VO	1.5
RTE0097	BAS X-RAY MACH OP 2 Basic X-Ray Machine Operator 2		/Y	VO	1.5
H170200	CLIN MOTION CAP TECH Clinical Motion Capture Technician (MOCAP)	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
HSC0060	INTRO TO CLIN MOCAP Introduction to Clinical MOCAP		/S	VO	0.0
DIG0064	CLINICAL MOCAP TECH1 Clinical MOCAP Technician 1		/Y	VO	1.0
DIG0065	CLINICAL MOCAP TECH2 Clinical MOCAP Technician 2		/Y	VO	1.0
DIG0066	CLINICAL MOCAP TECH3 Clinical MOCAP Technician 3		/Y	VO	1.0
H170208	EKG TECH Electrocardiograph Technology	30, 31	/		LAB TECH @7 G LAB ASST @7 G PARAMEDIC @7 G PARAMEDIC 7 G EKG @7 G PRAC NURSE @7 G RESP THER @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MEA0540	EKG AIDE EKG Aide		/S	VO	0.5
MEA0541	EKG TECH EKG Technician		/Y	VO	2.0
H170204	ELECTRONEURODIAG Electroneurodiagnostic Technology	30, 31	/		ENCEPHALGH @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
ETN0005	ELECTRONEURODIAG 1 Electroneurodiagnostic Technologist 1		/Y	VO	1.0
ETN0006	ELECTRONEURODIAG 2 Electroneurodiagnostic Technologist 2		/Y	VO	1.5
ETN0007	ELECTRONEURODIAG 3 Electroneurodiagnostic Technologist 3		/Y	VO	1.5
ETN0008	ELECTRONEURODIAG 4 Electroneurodiagnostic Technologist 4		/Y	VO	1.5
ETN0009	ELECTRONEURODIAG 5 Electroneurodiagnostic Technologist 5		/Y	VO	1.5

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			GRADUATION REQUIREMENTS		
ªH170600	MED CLIN LAB(NEW)ATD Medical Clinical Laboratory Technician (NEW) ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MEA0520	PHLEBOTOMIST Phlebotomist		/S	VO	0.5
MLT0009	INTRO MED LAB TECH Introduction to Medical Laboratory Technology		/Y	VO	0.5
MLT0220	URIN & BODY FLUIDS Urinalysis and Body Fluids		/Y	VO	0.5
MLT0335	HEMATOLOGY & HEMOST Hematology and Hemostasis		/Y	VO	1.5
MLT0505	IMMUNOLOGY Immunology		/Y	VO	0.0
MLT0640	CLINICAL CHEMISTRY Clinical Chemistry		/Y	VO	1.5
MLT0520	IMMUNOHEMATOLOGY Immunohematology		/Y	VO	1.5
MLT0450	MICROB & PARASIT Microbiology and Parasitology		/Y	VO	1.5
ªH170308	MED CLIN LAB TEC-ATD Medical Clinical Laboratory Technician-ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0
MEA0520	PHLEBOTOMIST Phlebotomist		/S	VO	0.5
MEA0560	MEDICAL LAB ASST Medical Lab Assistant		/Y	VO	2.0
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician 1		/Y	VO	2.0
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician 2		/Y	VO	2.0
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician 3		/Y	VO	2.0
H170400	MED ED SIM TECH Medical Education Simulator Technician	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker		/Y	VO	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TEC MED LAB TECH	!7 G @7 G
HSC0061	INTRO TO CLIN MEST Introduction to Clinical Medical Education Simulator Technician	/Y	VO	0.0		
HSC0062	CLINICAL MEST 1 Clinical Medical Education Simulator Technician 1	/Y	VO	1.0		
HSC0063	CLINICAL MEST 2 Clinical Medical Education Simulator Technician 2	/Y	VO	1.0		
HSC0064	CLINICAL MEST 3 Clinical Medical Education Simulator Technician 3	/Y	VO	1.0		
H170306	MED LAB ASSIST Medical Laboratory Assisting (Postsecondary)	30, 31	/		TEC MED LAB TECH	!7 G @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		
MEA0560	MEDICAL LAB ASST Medical Lab Assistant	/Y	VO	2.0		
<sup>a</sup> H170307	MED LAB (CERT) Medical Laboratory Technology (Certificate)	30, 31	/		TEC MED LAB TECH	!7 G @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		
MEA0560	MEDICAL LAB ASST Medical Lab Assistant	/Y	VO	2.0		
MEA0570	MED/CLIN LAB TECH 1 Medical/Clinical Lab Technician 1	/Y	VO	2.0		
MEA0571	MED/CLIN LAB TECH 2 Medical/Clinical Lab Technician 2	/Y	VO	2.0		
MEA0572	MED/CLIN LAB TECH 3 Medical/Clinical Lab Technician 3	/Y	VO	2.0		
H170302	PHLEBOTOMY Phlebotomy	30, 31	/		TEC MED MED ASST PRAC NURSE REG NURSE	!7 G @7 G @7 G 7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MEA0520	PHLEBOTOMIST Phlebotomist	/S	VO	0.5		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
W170209	RADIO TEC Radiol ogical Techni cian	30, 31	/		TEC X RAY @7 G
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
RTE0070	X-RAY TECH 1 X-Ray Techni cian 1		/Y	VO	2.0
RTE0071	X-RAY TECH 2 X-Ray Techni cian 2		/Y	VO	2.0
RTE0072	X-RAY TECH 3 X-Ray Techni cian 3		/Y	VO	2.0
RTE0073	RAD TECH 1 Radiol ogy Techni cian 1		/Y	VO	2.5
RTE0074	RAD TECH 2 Radiol ogy Techni cian 2		/Y	VO	2.5
RTE0075	RAD TECH 3 Radiol ogy Techni cian 3		/Y	VO	2.5
RTE0076	RAD TECH 4 Radiol ogy Techni cian 4		/Y	VO	2.5
----- HEALTH INFORMATICS CAREER PATH (HLPC) -----					
H180708	HEALTH CARE SERS-ATD Heal th Care Servi ces-ATD	30, 31	/		
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
HSC0012	HEALTH SERS SUPR 1 Heal th Servi ces Supervi sor 1		/Y	VO	2.5
HSC0013	HEALTH SERS SUPR 2 Heal th Servi ces Supervi sor 2		/Y	VO	2.5
H170513	HEALTH UNIT COOR PS Heal th Uni t Coordi nator (Postsecondary)	30, 31	/		TEC MED !7 G MED RECTEC @7 G PRAC NURSE @7 G REG NURSE 7 G
HSC0003	BASIC HEALTHCARE WKR Basi c Heal thcare Worker		/Y	VO	1.0
HIM0076	HEALTH UNIT CLERK Heal th Uni t Clerk		/Y	VO	2.5
H170526	MED CODER/BILLER Medi cal Coder/Bi ller	30, 31	/		CER COD SP 7 G MED RECTEC @7 G MED ASST @7 G MED TRANS @7 G
HIM0009	INTRO TO HIT Introducti on to Heal th Informati on Technol ogy		/Y	VO	0.5
HIM0071	MEDICAL CODER/BILL 1 Medi cal Coder/Bi ller 1		/Y	VO	2.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
HI M0072	MEDI CAL CODER/BI LL 2 Medi cal Coder/Bi ller 2		/Y	VO	2.0
HI M0073	MEDI CAL CODER/BI LL 3 Medi cal Coder/Bi ller 3		/Y	VO	2.0
H170528	MED CODER/BI LLER-ATD Medi cal Coder/Bi ller-ATD	30, 31	/		
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y	VO	0.5
HI M0071	MEDI CAL CODER/BI LL 1 Medi cal Coder/Bi ller 1		/Y	VO	2.0
HI M0072	MEDI CAL CODER/BI LL 2 Medi cal Coder/Bi ller 2		/Y	VO	2.0
HI M0073	MEDI CAL CODER/BI LL 3 Medi cal Coder/Bi ller 3		/Y	VO	2.0
H170506	MED RECORD TRANSCRI Medi cal Record Transcri bi ng	30, 31	/		MED ASST @7 G MED TRANS @7 G MED RECTEC @7 G
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y	VO	0.5
HI M0074	MED TRANSCRI B 1 Medi cal Transcri ber 1		/Y	VO	2.0
HI M0075	MED TRANSCRI B 2 Medi cal Transcri ber 2		/Y	VO	2.0
HI M0081	MED TRANSCRI B 3 Medi cal Transcri ber 3		/Y	VO	2.0
H170508	MED RCD TRANSCRI -ATD Medi cal Record Transcri bi ng-ATD	30, 31	/		
HI M0009	INTRO TO H I T Introducti on to Heal th Informati on Technol ogy		/Y	VO	0.5
HI M0002	MED TRANSCRI B 1 ATD Medi cal Transcri ber - ATD 1		/Y	VO	2.0
HI M0083	MED TRANSCRI B 2 ATD Medi cal Transcri ber - ATD 2		/Y	VO	2.0
HI M0084	MED TRANSCRI B 3 ATD Medi cal Transcri ber - ATD 3		/Y	VO	2.0

SUPPORT SERVICES CAREER PATH (HLPD)

H170502	CENTRAL SERV TECH Central Servi ce Technol ogy	30, 31	/		PRAC NURSE @7 G OPR RM TEC @7 G	TEC MED !7 G REG NURSE 7 G
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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER AND TECHNICAL EDUCATION	
					BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)	GENERAL HEALTH SCIENCE PROGRAMS
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
MNA0550	STOCK CLERK Stock Clerk, Stockroom or Warehouse	/Y	VO	2.5		
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BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE)						
8708100	BIOMED SCIENCES Biomedical Sciences	9-12, 30, 31 /			BI OLOGY 1 @2 MED PROF 7 G PLTW HEALT 7 G	REG NURSE 7 G PARAMEDIC @7 G
8708110	PRIN BIOMED SCIENCE Principles of the Biomedical Sciences /Level 3	/	VO	1.0		
8708120	HUMAN BODY SYSTEMS Human Body Systems/Level 3	/	VO	1.0		
8708130	MED INTERVENTIONS Medical Interventions/Level 3	/	VO	1.0		
8708140	BIOMED INNOVATION Biomedical Innovation/Level 3	/	VO	1.0		
H170206	BIOMED TECH Biomedical Technician	30, 31 /			PRAC NURSE @7 G REG NURSE 7 G PHARMACY @7 G	LAB TECH @7 G MED PROF 7 G LAB ASST @7 G
HSC0003	BASIC HEALTHCARE WKR Basic Healthcare Worker	/Y	VO	1.0		
BSC0490	BIOLOGICAL TECH 1 Biological Technician 1	/Y	VO	2.0		
BSC0491	BIOLOGICAL TECH 2 Biological Technician 2	/Y	VO	2.0		
BSC0492	BIOLOGICAL TECH 3 Biological Technician 3	/Y	VO	2.0		
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GENERAL HEALTH SCIENCE PROGRAMS						
8400310	EXPL HLTH OCCS Exploration Of Health Occupations	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 ANY HEALTH OCCUP G FAM CON SC 1	HOME EC @2 HEALTH ED @3 @4 @6 HEALTH \$6
8400210	EXPL HLTH OCCS & C P Exploration Of Health Occupations and Career Planning	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 ANY HEALTH OCCUP G FAM CON SC 1	HOME EC @2 HEALTH ED @3 @4 @6 HEALTH \$6
8499990	HEALTH OCCS ED TRAN Health Occupations Education Transfer	9-12, 30, 31 /			NA	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	HEALTH OCCUP G	
					HEALTH ED	REG NURSE
H000000	HEALTH OCCS ED TRAN Health Occupations Education Transfer	30, 31 /		NA		
8400410	HSE COOP - OJT Health Science Education Cooperative - OJT	10-12, 30, 31/M	VO	MULTIPLE	ANY HEALTH OCCUP G	
H179999	HSE COOP - OJT Health Science Education Cooperative - OJT	30, 31 /			ANY HEALTH OCCUP G	
8400100	HSE DIR STUDY Health Science Education Directed Study	10-12, 30, 31/M	VO	MULTIPLE	ANY HEALTH OCCUP G	
8400320	MEDICAL SKLS SERS Medical Skills and Services	9-12, 30, 31 /Y	VO	1.0	ANY HEALTH OCCUP G HEALTH ED @4 @6	HEALTH 6
8400110	ORIEN TO HEALTH OCCS Orientation to Health Occupations	6-8, 30, 31 /S	VO	0.5	HEALTH ED \$4 ANY HEALTH OCCUP G	HEALTH \$6
8417106	ORIEN NUR Orientation to Nursing	6-8, 30, 31 /S	VO	0.5	PRAC NURSE @7 G	REG NURSE 7 G

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HOSPITALITY & TOURISM CAREER CLUSTER

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 RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA)  
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I20041R	CMCL FOODS - APPR Commercial Foods - Apprenticeship	30, 31 /				
<sup>a</sup> I200403	CMCL FDS & CUL ARTS Commercial Foods and Culinary Arts	30, 31 /			COMM COOK @7 G CULINARY 7 G	QUAN FOOD €7 @7 G
HMV0141	BUS PERSON Bus Person	/Y	PA	0.5		
HMV0111	STEWARD Steward	/Y	PA	0.5		
HMV0109	SALAD PERSON Salad Person	/Y	PA	1.0		
HMV0112	UTILITY COOK Utility Cook	/Y	PA	1.0		
HMV0107	BREAKFAST COOK Breakfast Cook	/Y	PA	2.0		
HMV0101	LINE COOK Line Cook	/Y	PA	3.0		
HMV0108	PASTRY COOK Pastry Cook	/Y	VO	2.0		

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	SUBJECT AREA
			GRADUATION REQUIREMENTS			
N100500	COMM FOODS & CA(NEW) Commercial Foods and Culinary Arts (New)	30, 31	/		FAM CON SC 1	CULINARY 7 G
HMV0100	FOOD PREPARATION Food Preparation		/Y	VO	2.0	
HMV0170	COOK - RESTAURANT Cook - Restaurant		/Y	VO	2.0	
HMV0171	CHEF/HEAD COOK Chef/Head Cook		/Y	VO	2.0	
HMV0126	FOOD SERVICE MGMT Food Service Management		/Y	VO	2.0	
I20040R	CMCL FD& CU ART-APPR Commercial Foods and Culinary Arts - Apprenticeship	30, 31	/			
8800600	CUL & HOSP SPEC Culinary and Hospitality Specialties	9-12, 30, 31	/		FAM CON SC 1	CULINARY 7 G
8800610	CUL & HOSP SPEC 1 Culinary and Hospitality Specialties 1/Level 2		/Y	VO	1.0	
8800620	CUL & HOSP SPEC 2 Culinary and Hospitality Specialties 2/Level 2		/Y	VO	1.0	
8800500	CULINARY ARTS Culinary Arts	9-12, 30, 31	/		FAM CON SC 1	CULINARY 7 G
8800510	CULINARY ARTS 1 Culinary Arts 1/Level 2		/Y	VO	1.0	
8800520	CULINARY ARTS 2 Culinary Arts 2/Level 2		/Y	PA	1.0	
8800530	CULINARY ARTS 3 Culinary Arts 3/Level 2		/Y	PA	1.0	
8800540	CULINARY ARTS 4 Culinary Arts 4/Level 3		/Y	VO	1.0	
V20040R	CUL OPS - APPR Culinary Operations - Apprenticeship	30, 31	/			
8800403	CUL OPS Culinary Ops	30, 31	/		VOC HME EC @2 @4 HOME EC @2 HME EC OCC @7 @7 G SC FOOD SV @6 G CULINARY 7 G	GEN HME EC @2 HOMEMAKING @7 @7 @2 G QUAN FOOD @7 @7 G FAM CON SC 1
HEV0620	FOOD PREP WORKER Food Preparation Worker		/Y	VO	1.0	
HEV0621	COMB FOOD PREP & SR1 Combined Food Preparation and Serving Worker 1		/Y	VO	1.0	

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CAREER AND TECHNICAL EDUCATION

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER	
					CLUSTER	COURSE
HEV0622	COMB FOOD PREP & SR2 Combined Food Preparation and Serving Worker 2		/Y VO	1.0		
HEV0623	COOK Cook		/Y PA	1.0		
HEV0624	COOK, RESTAURANT Cook, Restaurant		/Y PA	1.0		
HEV0625	FOOD SER & REST MGR Food Service and Restaurant Manager		/Y VO	1.0		
HEV0626	FOOD SERVICE MANAGER Food Service Manager		/Y VO	2.0		
----- LODGING CAREER PATH (HTPB) -----						
V200434	DIET MGMT & SUPV Dietetic Management and Supervision	30, 31	/		HOMEMAKING c7 @2 @7 G SC FOOD SV @6 D HME EC OCC c7 @7 G VOC HME EC @2 @4	QUAN FOOD @7 G c7 GEN HME EC @2 HOME EC @2 FAM CON SC 1
HEV0611	DIETETIC MANAGER Dietetic Manager		/Y VO	3.0		
<sup>a</sup> 8524100	ENVIR SERVS Environmental Services	9-12, 30, 31	/		VOC HME EC @2 @4 HME EC OCC c7 CUSTODIAL @7 HOMEMAKING c7 @2 CUST SERV 7 G	GEN HME EC @2 HOME EC @2 FAM CON SC 1 BLDG MAINT @7 G
8524110	ENVIR SERS Environmental Services/Level 2		/Y VO	1.0		
8524120	ENVIR SERS TECH Environmental Services Technology/ Level 2		/Y VO	1.0		
<sup>a</sup> V200610	ENVIR SERVICES Environmental Services	30, 31	/		HOMEMAKING c7 @2 @7 G GEN HME EC @2 HOME EC @2 FAM CON SC 1 CUST SERV 7 G	VOC HME EC @4 @2 HME EC OCC c7 @7 G CUSTODIAL @7 G BLDG MAINT @7 G
HEV0510	JANITORS/CLEANERS Janitors/Cleaners		/Y VO	1.0		
HEV0511	SUPERVISOR, JANITOR Supervisor, Janitorial		/Y VO	1.0		
8830300	LODGING OPS Lodging Operations	9-12, 30, 31	/		HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 FAM CON SC 1	DIST ED @7 MKTG MGMT @7 G VOC HME EC @4 BUS ED 1 @2
SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE						

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION		
					HOMEMAKING	QUAN FOOD	
8850110	INTRO TO HOS TOUR Introducti on to Hoshi tal i ty and Tourism/Level 2	/Y	VO	1.0			
8830320	LODG PRIN Lodgi ng Pri nci pl es/Level 2	/Y	VO	1.0			
8845130	HOS & TOUR INTERN Hoshi tal i ty and Touri sm Internshi p/ Level 2 OR:	/Y	VO	1.0			
8800410	MARKETING COOP-OJT Marketi ng Cooperati ve Educati on-OJT /Level 2	/M	VO	MULTIPLE			
8830330	LODG APPL Lodgi ng Appl i cati ons/Level 2	/Y	VO	1.0			
M607010	LODGING OPS Lodgi ng Operati ons	30, 31	/		HOTEL TRNG @7 G TEACH CDE @7 MKTG 1 FAM CON SC 1 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	DIST ED @7 MKTG MGMT @7 G VOC HME EC @4 BUS ED @2 1	
HMV0740	GUEST SERVICES AGENT Guest Servi ces Agent	/Y	VO	1.0			
HMV0201	FRONT DESK AGENT Front Desk Agent	/Y	VO	2.0			
HMV0202	LODGING MANAGERS Lodgi ng Managers	/Y	VO	1.0			
V200404	NUTRIT & DIET SERS Nutri ti on and Di eteti c Servi ces	30, 31	/		HOMEMAKING c7 @2 @7 G GEN HME EC @2 HME EC OCC c7 @7 G VOC HME EC @4 @2	QUAN FOOD @7 G c7 SC FOOD SV @6 G HOME EC @2 FAM CON SC 1	
HEV0610	DIET CLERK Di et Clerk	/Y	VO	1.0			
8530000	NUTRIT & DIET SERS Nutri ti on and Di eteti c Servi ces/ Level 2	9-12, 30, 31	/Y	VO	1.0	HOMEMAKING c7 @2 VOC HME EC @4 QUAN FOOD c7 FAM CON SC 1	HME EC OCC c7 SC FOOD SV @6 G HOME EC @2

TRAVEL & TOURISM CAREER PATH (HTPC)

8845100	HOSPITALITY & TOUR Hoshi tal i ty and Touri sm	9-12, 30, 31	/		DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G	MKTG 1 BUS ED 1 @2 HOTEL TRNG @7 G FAM CON SC 1
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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	INDUSTRIAL
8850110	INTRO TO HOS TOUR Introduction to Hospitality and Tourism/Level 2		/Y VO	1.0		
8845140	COMP TECH TRA TOUR Computer Technology for Travel and Tourism/Level 2		/Y VO	1.0		
8845130	HOS & TOUR INTERN Hospitality and Tourism Internship/ Level 2 OR:		/Y VO	1.0		
8800410	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2		/M VO	MULTIPLE		
8845120	TRA & TOUR MKT MGMT Travel and Tourism Marketing Management/Level 3		/Y VO	1.0		
M811040	HOSPITALITY & TOUR Hospitality and Tourism	30, 31	/		DIST ED @7 TEACH CDE @7 TRANSPORT @7 G MKTG MGMT @7 G	MKTG 1 BUS ED 1 @2 HOTEL TRNG @7 G FAM CON SC 1
HMV0740	GUEST SERVICES AGENT Guest Services Agent		/Y VO	1.0		
HMV0741	RESV & TRANS AGENT Reservation and Transportation Agent		/Y VO	2.0		
HMV0038	TRAVEL CONSULTANT Travel Consultant		/Y VO	1.0		
M811053	TRA & TOUR IND OPS Travel and Tourism Industry Operations	30, 31	/		TEACH CDE @7 HOTEL TRNG @7 G TRANSPORT @7 G	MKTG 1 DIST ED @7 MKTG MGMT @7 G
HMV0036	TRAVEL SALES REP Travel Sales Representative		/Y VO	2.0		
HMV0037	(AIRLINE) RESERV AGT (Airline) Reservation Agent		/Y VO	1.0		
HMV0038	TRAVEL CONSULTANT Travel Consultant		/Y VO	1.0		
HMV0039	TOUR ESCORT Tour Escort		/Y VO	1.0		
M811058	TRA & TOUR MGMT-ATD Travel and Tourism Management-ATD	30, 31	/			
HMV0743	RESERVATIONS AGENT Reservations Agent		/Y VO	1.5		
HMV0051	TRAVEL AGENT/CONSULT Travel Agent/Consultant		/Y VO	1.5		

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	
----- GENERAL PROGRAMS -----					
8809200	CULINARY CAREERS Culinary Careers	6-8, 30, 31	/S	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2
8809300	CUL CAREERS & CP Culinary Careers and Career Planning	6-8, 30, 31	/S	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2
8500355	NUTRITION & WELLNESS Nutrition and Wellness/Level 2	9-12, 30, 31	/S VO	0.5 VOC HME EC @4 FAM CON SC 1	HOME EC @2 CULINARY 7 G
8500390	PRIN FOOD PREPR Principles Of Food Preparation/ Level 2	9-12, 30, 31	/S VO	0.5 VOC HME EC @4 HOME EC @2	FAM CON SC 1 CULINARY 7 G
----- HUMAN SERVICES CAREER CLUSTER -----					
FAMILY & COMMUNITY SERVICES CAREER PATH (HMPC) -----					
8500345	FAMILY DYNAMICS Family Dynamics/Level 2	9-12, 30, 31	/S VO	0.5 VOC HME EC @4 HOME EC @2	FAM CON SC 1
8500365	FAMILY HME CONS TECH Family, Home and Consumer Technology /Level 2	9-12, 30, 31	/Y VO	1.0 VOC HME EC @4 FAM CON SC 1	HOME EC @2
<sup>a</sup> C200101	HOME & FAMILY MGMT Home and Family Management	30, 31	/	VOC HME EC @4 HME EC OCC C7 @7 G HOME EC @2	HOMEMAKING C7 @7 @2 G GEN HME EC @2 FAM CON SC 1
HEV0320	HOMEMAKER/HMA Homemaker/Home Management Advisor		/Y VO	1.0	
8502000	LIF MGMT SKL Life Management Skills/Level 2	9-12, 30, 31	/S LM	0.5 VOC HME EC @4 PRAC NURSE @7 G HOME EC @2	FAM CON SC 1 REG NURSE G
8500300	PARENT SKLS Parenting Skills/Level 2	9-12, 30, 31	/S VO	0.5 E CHILD ED @0 PRESCH ED A PRIMARY ED @B HOME EC @2	VOC HME EC @4 FAM CON SC 1 PK PRIMARY H
----- PERSONAL CARE SERVICES CAREER PATH (HMPD) -----					
D500200	ADVANCED ESTHETICS Advanced Esthetics	30, 31	/	COSMETOL @7 G FACIAL TEC 7 G	PERS SERV @7 G
CSP0105	ADV SKIN CARE 1 Advanced Skin Care 1		/Y VO	1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
CSP0106	ADV SKIN CARE 2 Advanced Skin Care 2	/Y	VO		1.0
CSP0264	FACIAL TREATMENTS Facial Treatments	/Y	VO		1.0
CSP0930	SPECIALTY TOPICS Specialty Topics	/Y	VO		0.0
CSP0505	ETHICAL BUS PRACTICE Ethical Business Practices	/Y	VO		0.0
CSP0940	INTERNSHIP Internship	/Y	VO		0.0
8757100	BARBERING Barbering	9-12, 30, 31	/		BARBERING @7 G PERS SERV @7 G
8757110	BARBERING 1 Barbering 1/Level 2	/Y	VO		1.0
8757120	BARBERING 2 Barbering 2/Level 2	/Y	VO		1.0
8757130	BARBERING 3 Barbering 3/Level 2	/Y	VO		1.0
8757140	BARBERING 4 Barbering 4/Level 2	/Y	VO		1.0
8757150	BARBERING 5 Barbering 5/Level 2	/Y	VO		1.0
8757160	BARBERING 6 Barbering 6/Level 2	/Y	VO		1.0
8757170	BARBERING 7 Barbering 7/Level 2	/Y	VO		1.0
8757180	BARBERING 8 Barbering 8/Level 2	/Y	VO		1.0
I120402	BARBERING Barbering	30, 31	/		BARBERING @7 G PERS SERV @7 G
COS0150	RESTRICTED BARBER 1 Restricted Barber 1	/Y	VO		2.0
COS0151	RESTRICTED BARBER 2 Restricted Barber 2	/Y	VO		2.0
COS0152	RESTRICTED BARBER 3 Restricted Barber 3	/Y	VO		2.0
COS0671	BARBER Barber	/Y	VO		2.0
<sup>a</sup> 8757200	COSMETOLOGY Cosmetology	9-12, 30, 31	/		COSMETOL @7 G PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO		0.5



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8757220	COSMETOLOGY 2 Cosmetology 2/Level 2	/S	VO		0.5
8757230	COSMETOLOGY 3 Cosmetology 3/Level 2	/Y	VO		1.0
8757240	COSMETOLOGY 4 Cosmetology 4/Level 2	/Y	PA		1.0
8757250	COSMETOLOGY 5 Cosmetology 5/Level 2	/Y	PA		1.0
8757260	COSMETOLOGY 6 Cosmetology 6/Level 2	/Y	PA		1.0
8757270	COSMETOLOGY 7 Cosmetology 7/Level 2	/Y	PA		1.0
8757280	COSMETOLOGY 8 Cosmetology 8/Level 2	/Y	PA		1.0
8757290	COSMETOLOGY 9 Cosmetology 9/Level 2	/Y	PA		1.0
AI120404	COSMETOLOGY Cosmetology	30, 31	/		COSMETOL @7 G PERS SERV @7 G
CSP0015	MANI CUR & PEDI CUR Manicurist and Pedicurist		/Y	PA	2.0
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist		/Y	PA	2.0
COS0005	HAIR & COSMO 1 Hairdresser and Cosmetologist 1		/Y	PA	2.0
COS0006	HAIR & COSMO 2 Hairdresser and Cosmetologist 2		/Y	PA	2.0
8905100	COSMETOLOGY (NEW) Cosmetology (New)	9-12, 30, 31	/		COSMETOL @7 G PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2		/S	VO	0.5
8905120	COSMETOLOGY NAILS 2 Cosmetology Nails 2, Level 2		/S	PA	0.5
8905130	COSMETOLOGY FACIALS Cosmetology Facials 3, Level 2		/S	PA	0.5
8905140	COSMETOLOGY 4 (NEW) Cosmetology 4, Level 2		/Y	PA	1.0
8905150	COSMETOLOGY 5 (NEW) Cosmetology 5, Level 2		/Y	PA	1.0
8905160	COSMETOLOGY 6 (NEW) Cosmetology 6, Level 2		/Y	PA	1.0
8905170	COSMETOLOGY 7 (NEW) Cosmetology 7, Level 2		/Y	PA	1.0

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					CLUSTER	COURSE
8905180	COSMETOLOGY 8 (NEW) Cosmetology 8, Level 2	/Y	PA	1.0		
8905190	COSMETOLOGY 9 (NEW) Cosmetology 9, Level 2	/M	PA	1.5		
D500100	COSMETOLOGY (NEW) Cosmetology (New)	30, 31	/		COSMETOL @7 G	PERS SERV @7 G
CSP0009	GROOM & SALON SRV CR Grooming and Salon Services, (CORE) Facials and Nails	/Y	VO	1.5		
COS0002	COSMETOLOGIST 1 Cosmetologist and Hairdresser 1	/Y	VO	2.0		
COS0003	COSMETOLOGIST 2 Cosmetologist and Hairdresser 2	/Y	VO	2.0		
COS0009	COSMETOLOGIST 3 Cosmetologist and Hairdresser 3	/Y	VO	2.5		
8733000	DRY CLEAN & LAUND Dry Cleaning and Laundering	9-12, 30, 31	/		DRY CLEAN @7 G	FAB MAINT @7 G
8733010	DRY CLEAN & LAUND 1 Dry Cleaning and Laundering 1/Level 2	/Y	VO	1.0		
8733020	DRY CLEAN & LAUND 2 Dry Cleaning and Laundering 2/Level 2	/Y	VO	1.0		
8733030	DRY CLEAN & LAUND 3 Dry Cleaning and Laundering 3/Level 2	/Y	VO	1.0		
I120101	DRY CLEANING & LAUND Dry Cleaning and Laundering	30, 31	/		DRY CLEAN @7 G	FAB MAINT @7 G
HEV0540	LAUND, DRY CLEAN MAC Laundry, Dry Cleaning Machine Operator	/Y	VO	3.0		
8757400	FACIALS SPEC Facials Specialty	9-12, 30, 31	/		COSMETOL @7 G FACIAL TEC 7 G	PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	0.5		
8757410	FACIALS SPECT 2 Facials Specialty 2/Level 2	/S	VO	0.5		
8757420	FACIALS SPECT 3 Facials Specialty 3/Level 2	/Y	VO	1.0		
I120424	FACIALS SPECIALTY Facials Specialty	30, 31	/		COSMETOL @7 G FACIAL TEC 7 G	PERS SERV @7 G
CSP0265	FACIALS/SKIN CARE Facials/Skin Care Specialist	/Y	PA	2.0		
^V200602	LIFE CARE SERS Life Care Services	30, 31	/		HOMEMAKING C7 @7 G @2 GEN HME EC @2 HOME EC @2	VOC HME EC @4 @2 HME EC OCC C7 @7 G FAM CON SC 1

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER	
HEV0120	PERS & HOME CARE AID Personal and Home Care Aide	/Y	VO	3.0		
8757300	NAI LS SPEC Nai ls Speci al ty	9-12, 30, 31 /			COSMETOL @7 G NAIL TEC 7 G	PERS SERV @7 G
8757210	GROOM & SAL SERS 1 Grooming and Salon Services Core 1/ Level 2	/S	VO	0.5		
8757310	NAI LS SPECT 2 Nai ls Speci al ty 2/Level 2	/S	VO	0.5		
8757320	NAI LS SPECT 3 Nai ls Speci al ty 3/Level 2	/Y	VO	1.0		
I120414	NAI LS SPECI ALTY Nai ls Speci al ty	30, 31 /			COSMETOL @7 G NAIL TEC 7 G	PERS SERV @7 G
CSP0015	MANI CUR & PEDI CUR Mani curi st and Pedi curi st	/Y	PA	2.0		

## CONSUMER SERVICES CAREER PATH (HMPE)

H170205	FAM HLTH SPT WKR-ATD Fami ly Heal th Support Worker-ATD	30, 31 /				
HUS0090	HUMAN SERVI CES CORE Human Servi ces Core	/S	VO	0.5		
PRN0122	FAM HLTH SPT WKR 1 Fami ly Heal th Support Worker 1	/Y	VO	1.5		
PRN0123	FAM HLTH SPT WKR 2 Fami ly Heal th Support Worker 2	/Y	VO	1.5		
H170408	UNIT TRTMT REHAB-ATD Uni t Treatment and Rehabi l i tati on-ATD	30, 31 /				
HUS0090	HUMAN SERVI CES CORE Human Servi ces Core	/S	VO	0.5		
HCP0811	PSYCHI ATRIC TECH 1 Psychi atri c Techni ci an 1	/Y	VO	2.0		
HCP0812	PSYCHI ATRIC TECH 2 Psychi atri c Techni ci an 2	/Y	VO	2.0		

## SUPPLEMENTAL PROGRAMS

8500140	CAR DI SC Career Di scovery	6-8, 30, 31 /M	VO	MULTI PLE	VOC HME EC @4 FAM CON SC 1	HOME EC @2
8599990	FAM & CONS SCI TRAN Fami ly and Consumer Sci ences Transfer	9-12, 30, 31 /			NA	

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER AND TECHNICAL EDUCATION		
V000000	FAM & CONS SCI TRAN Family and Consumer Sciences Transfer	30, 31 /		NA			
8500230	PERSONAL DEV Personal Development	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 FAM CON SC 1	HOME EC	@2
8500430	PERSONAL DEV & CAR P Personal Development and Career Planning	6-8, 30, 31 /S	VO	0.5	VOC HME EC @4 FAM CON SC 1	HOME EC	@2

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INFORMATION TECHNOLOGY (IT) CAREER CLUSTER

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NETWORK SYSTEMS CAREER PATH (ITPA)  
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8732100	CPTR SYSS TECH Computer Systems Technology	9-12, 30, 31 /			BUS MACH @7 G ELECTRONIC @7 G	COMP SVC @7 G	
8732110	CPT SYSS TECH 1 Computer Systems Technology 1/Level 3	/Y	VO	1.0			
8732120	CPT SYSS TECH 2 Computer Systems Technology 2/Level 3	/Y	VO	1.0			
8732130	CPT SYSS TECH 3 Computer Systems Technology 3/Level 3	/Y	VO	1.0			
8732140	CPT SYSS TECH 4 Computer Systems Technology 4/Level 3	/Y	VO	1.0			
8732150	CPT SYSS TECH 5 Computer Systems Technology 5/Level 3	/Y	VO	1.0			
8732160	CPT SYSS TECH 6 Computer Systems Technology 6/Level 3	/Y	VO	1.0			
8732170	CPT SYSS TECH 7 Computer Systems Technology 7/Level 3	/Y	VO	1.0			
8732180	CPT SYSS TECH 8 Computer Systems Technology 8/Level 3	/Y	VO	1.0			
8732190	CPT SYSS TECH 9 Computer Systems Technology 9/Level 3	/Y	VO	1.0			
8732191	CPT SYSS TECH 10 Computer Systems Technology 10/Level 3	/Y	VO	1.0			
8732192	CPT SYSS TECH 11 Computer Systems Technology 11/Level 3	/Y	VO	1.0			
I 470104	CPT SYSS TECH Computer Systems Technology	30, 31 /			COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 G	
EEV0501	END USER SPT TECH End User Support Technician	/Y	VO	3.0			

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	SUBJECT AREA	
			GRADUATION REQUIREMENTS				
EEV0502	PC ELECT INSTALLER PC Electronics Installer	/Y	VO		1.0		
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician	/Y	VO		2.0		
EEV0506	FIELD SERVICE TECH Field Service Technician	/Y	VO		2.0		
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician	/Y	VO		3.0		
J500100	CPT SYSS TECH 1 Computer Systems Technology 1	30, 31	/			COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 G
EEV0501	END USER SPT TECH End User Support Technician	/Y	VO		3.0		
EEV0502	PC ELECT INSTALLER PC Electronics Installer	/Y	VO		1.0		
EEV0503	CPT SUP SPEC-LAN Computer Support Specialist - LAN Technician	/Y	VO		2.0		
J500200	CPT SYSS TECH 2 Computer Systems Technology 2	30, 31	/			COMP SVC @7 G BUS MACH @7 G	ELECTRONIC @7 G
EEV0506	FIELD SERVICE TECH Field Service Technician	/Y	VO		2.0		
EEV0508	DIGITAL ELECT TECH Digital Electronics Technician	/Y	VO		3.0		
8208000	NETWK SPT SERS Network Support Services	9-12, 30, 31	/			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G	VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0		
8207020	NETWORKING 1 Networking 1/Level 2	/Y	VO		1.0		

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION		
8207030	NETWORKING 2 INFRAS Networking 2, Infrastructure/Level 3	/Y	VO	1.0		
8207040	NETWORKING 3 INFRAS Networking 3, Infrastructure/Level 3	/Y	VO	1.0		
8207050	NETWORKING 4 INFRAS Networking 4, Infrastructure/Level 3	/Y	VO	1.0		
8207060	NETWORKING 5 Networking 5/Level 3	/Y	VO	1.0		
8207070	NETWORKING 6 Networking 6/Level 3	/Y	VO	1.0		
B078000	NETWK SPT SERS Network Support Services	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G	VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
EEV0504	CPT SUPPORT ASST Computer Support Assistant	/Y	VO	1.0		
CTS0022	NET SPT HELP DESK AS Network Support Help Desk Assistant	/Y	VO	1.0		
CTS0023	NET SPT ADMIN Network Support Administrator	/Y	VO	1.0		
CTS0024	SR NET ADMIN STRATOR Senior Network Administrator	/Y	VO	1.0		
CTS0029	WIRELESS NET ADMIN Wireless Network Administrator	/Y	VO	1.0		
EEV0317	DATA COMM ANALYST Data Communications Analyst	/Y	VO	1.0		
8207440	NETWK SYSS ADMIN Network Systems Administration	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G	VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		

SECTION 5

CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	CAREER
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y VO	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y PA	1.0		
8207020	NETWORKING 1 Networking 1/Level 2		/Y VO	1.0		
8207441	NETWORKING 2 ADMIN Networking 2, Administration/Level 3		/Y VO	1.0		
8207442	NETWORKING 3 ADMIN Networking 3, Administration/Level 3		/Y VO	1.0		
8207443	NETWORKING 4 ADMIN Networking 4, Administration/Level 3		/Y VO	1.0		
8207060	NETWORKING 5 Networking 5/Level 3		/Y VO	1.0		
8207070	NETWORKING 6 Networking 6/Level 3		/Y VO	1.0		
B079300	NETWK SYSS ADMIN Network Systems Administration	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G COMP SVC @7 G	VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant		/Y VO	1.0		
EEV0504	CPT SUPPORT ASST Computer Support Assistant		/Y VO	1.0		
CTS0026	NET SUPPORT TECH Network Support Technician		/Y VO	1.0		
CTS0027	SYSTEMS ADMIN Systems Administrator		/Y VO	1.0		
CTS0028	SYSTEMS ENGINEER Systems Engineer		/Y VO	1.0		
CTS0029	WI RELESS NET ADMIN Wireless Network Administrator		/Y VO	1.0		
EEV0317	DATA COMM ANALYST Data Communications Analyst		/Y VO	1.0		
8207340	PC SPT SERS PC Support Services	9-12, 30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G ACCTING @7	VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6 MANAG SUPV @7

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0
8207210	PC SUPPORT 1 PC Support 1/Level 2	/Y	VO		1.0
8207220	PC SUPPORT 2 PC Support 2/Level 3	/Y	VO		1.0
8207230	PC SUPPORT 3 PC Support 3/Level 3	/Y	VO		1.0
8207240	PC SUPPORT 4 PC Support 4/Level 3	/Y	VO		1.0
8207250	PC SUPPORT 5 PC Support 5/Level 3	/Y	VO		1.0
B070400	PC SUPPORT SERS PC Support Services	30, 31	/		BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G CLERICAL @7 G TEC ELEC \$7 G ACCTING @7 VOE @7 BUS DP @7 G BOOKKEEPIN @4 7 G SECRETAR @7 G COMPU SCI 6 MANAG SUPV @7
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0
CTS0086	HELP DESK SPT ASST Help Desk Support Assistant		/Y	VO	2.0
CTS0087	HELP DESK TECH Help Desk Technician		/Y	VO	2.0
CTS0088	HELP DESK ANALYST Help Desk Analyst		/Y	VO	1.0

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 INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB)  
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8206400	DATAB PGM ESSEN Database and Programming Essentials	9-12, 30, 31 /		BUS ED	1 @2	COMPU SCI	6
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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO		0.5
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO		0.5
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO		1.0
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA		1.0
8206410	DATAB FUND Database Fundamentals/Level 2	/S	VO		0.5
8206420	DATA CONTROL & FUNC Data Control and Functions/Level 2	/S	VO		0.5
8206430	SPELZD DATAB PRGM Specialized Database Programming/ Level 3	/Y	VO		1.0
8206440	SPELZD DATAB APPS Specialized Database Applications/ Level 3	/Y	VO		1.0
Y300100	DATAB PGM ESSEN Database and Programming Essentials	30, 31	/		BUS ED 1 @2 COMPU SCI 6
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0
CTS0046	DATABASE FUNDAMENTAL Database Fundamentals		/Y	VO	1.0
CTS0047	SPEC DATABASE PROG Specialized Database Programming		/Y	VO	1.0
CTS0067	SPEC DATABASE APPS Specialized Database Applications		/Y	VO	1.0
8600200	GIS TECH Geospatial /Geographic Information Systems (GIS) Technology	9-12, 30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600260	INTRO TO GIS/RS TECH Introduction to GIS/RS Technology/ Level 2		/Y	VO	1.0
8600270	ESS GIS/RS TOOLS/PRO Essential GIS/RS Tools and Processes /Level 2		/Y	VO	1.0
8600280	GIS/RS ANAL & MODEL GIS/RS Analysis and Modeling/Level 2		/Y	PA	1.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8600290	ADV GIS/RS APPS		/Y	PA	1.0
T860020	Advanced GIS/RS Applications/Level 2 GIS TECH	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
GIS0090	Geospatial/Geographic Information Systems (GIS) Technology GIS TECH ASST		/Y	PA	2.0
GIS0091	GIS Technician Assistant GIS TECHNICIAN		/Y	PA	2.0
8207300	INFORMATION TECH	9-12	/		BUS ED 1 @2 ELECT DP @7 G
8207310	Information Technology INTROD TO INFO TECH		/Y	PA	1.0
8207320	Introduction to Information Technology /Level 2		/Y	VO	1.0
8203051	IT PGM/DATAB		/Y	VO	1.0
8207360	IT Programming/Database/Level 3 IT TECH SPT/NETWORK		/Y	VO	1.0
8207350	IT Technical Support/Networking/ Level 3		/Y	PA	1.0
Y300300	IT WEB/DIG MEDIA		/Y	VO	1.0
OTA0040	IT Web/Digital Media/Level 3 IT INTERNSHIP		/Y	VO	1.0
CTS0040	IT Internship/Level 2 INFORMATION TECH	9-12, 30, 31	/		BUS ED 1 @2 ELECT DP @7 G
CTS0099	Information Technology INFO TECH ASST		/Y	VO	1.0
CTS0079	Information Technology Assistant IT PROG & DATABASE		/Y	VO	1.0
CTS0940	IT Programming & Database IT TECH SPT & NETWRK		/Y	VO	1.0
	IT Technical Support & Networking IT WEB & DIG MEDIA		/Y	PA	1.0
	IT Web and Digital Media IT INTERNSHIP		/Y	VO	1.0

INTERACTIVE MEDIA CAREER PATH (ITPC)

8208400	GAME/SIM/ANI ADV APP	9-12, 30, 31	/Y	VO	1.0	BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
	Game/Simulation/Animation Advanced Applications						

## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION		
			GRADUATION REQUIREMENTS				
B082400	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications	30, 31	/		BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G	
DI G0077	GAME/SIM/ANI ADV APP Game/Simulation/Animation Advanced Applications		/Y	VO	1.0		
8208200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/Video Effects	9-12, 30, 31	/			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2		/Y	PA	1.0		
8208120	GAME & SIM DSN Game & Simulation Design/Level 2		/Y	PA	1.0		
8208230	GAME/SIM AUD/SND EFF Game/Simulation Audio/Sound Effects /Level 2		/Y	PA	1.0		
8208240	GAME/SIM VID/SPEC EF Game/Simulation Video/Special Effects /Level 2		/Y	PA	1.0		
B082200	GAME/SIM/ANI AUD/VID Game/Simulation/Animation Audio/Video Effects	30, 31	/			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
DI G0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	PA	2.0		
DI G0073	DI GITAL MEDIA ART Digital Media Artist		/Y	VO	1.0		
DI G0074	DI GITAL MEDIA SPEC Digital Media Specialist		/Y	VO	1.0		
8208300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	9-12, 30, 31	/			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2		/Y	PA	1.0		
8208120	GAME & SIM DSN Game & Simulation Design/Level 2		/Y	PA	1.0		
8208330	GAME & SIM PRGM Game & Simulation Programming/Level 2		/Y	VO	1.0		
8208340	MULTI -USER GAME &SIM Multi -User Game & Simulation Programming /Level 2		/Y	PA	1.0		
B082300	GAME/SIM/ANI PGM Game/Simulation/Animation Programming	30, 31	/			BUS ED 1 @2 COMM ART @7 G	COMPU SCI 6 TV PRO TEC @7 G
DI G0070	GAME/SIM DESIGNER Game/Simulation Designer		/Y	PA	2.0		

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	COURSES MEETING		SUBJECT AREA	
DI G0075	GAME/SIM PROGRAM Game/Simulation Programmer	/Y	VO	1.0				
DI G0076	GAME/SIM SOFT DEV Game/Simulation Software Developer	/Y	VO	1.0				
8208100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	9-12, 30, 31 /			BUS ED COMM ART	1 @2 @7 G	COMPU SCI TV PRO TEC	6 @7 G
8208110	GAME & SIM FOUND Game & Simulation Foundations/Level 2	/Y	PA	1.0				
8208120	GAME & SIM DSN Game & Simulation Design/Level 2	/Y	PA	1.0				
8208130	GAME & SIM 2D GR DEV Game & Simulation 2D Graphic Development/Level 2	/Y	PA	1.0				
8208140	GAME & SIM 3D GR ANI Game & Simulation 3D Graphic Animation/Level 2	/Y	PA	1.0				
B082100	GAME/SIM/ANI VIS DSN Game/Simulation/Animation Visual Design	30, 31 /			BUS ED COMM ART	1 @2 @7 G	COMPU SCI TV PRO TEC	6 @7 G
DI G0070	GAME/SIM DESIGNER Game/Simulation Designer	/Y	PA	2.0				
DI G0071	GAME/SIM GRAPH ART Game/Simulation Graphic Artist	/Y	VO	1.0				
DI G0072	GAME/SIM 3D ANIMATOR Game/Simulation 3D Animator	/Y	VO	1.0				
8212400	MULTIMED DESIGN TECH Multi media Design Technology	9-12, 30, 31 /			BUS ED CLERICAL TEACH CBE ELECT DP COMPU SCI COMM ART TEC ED	1 @2 @7 G @7 @7 G 6 @7 G 1 @2	VOE BUS DP SECRETAR TEC ELEC STENOG TV PRO TEC	@7 @7 G @7 G @7 G @4 @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5				
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5				
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0				

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			REQUIREMENTS	GRADUATION			
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y	PA	1.0		
8212430	MULTIMED FOUND 1 Multi media Foundations 1/Level 2		/Y	PA	1.0		
8212440	MULTIMED FOUND 2 Multi media Foundations 2/Level 2		/Y	PA	1.0		
8212450	MULTIMED FOUND 3 Multi media Foundations 3/Level 2		/Y	PA	1.0		
8207110	WEB DESIGN 1 Web Design 1/Level 2		/Y	PA	1.0		
B070200	MULTIMED DESIGN TECH Multi media Design Technology	30, 31	/			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC @7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0		
GRA0005	MULTIMED PROD ASST Multi media Production Assistant		/Y	PA	1.0		
GRA0006	MULTIMED JR DSN Multi media Junior Designer		/Y	PA	3.0		
GRA0007	MULTIMED DESIGNER Multi media Designer		/Y	VO	1.0		
GRA0008	MULTIMED PRODUCER Multi media Producer		/Y	VO	2.0		
GRA0009	MULTIMEDIA SPEC Multi media Specialist		/Y	VO	1.0		
Y600100	MULTIMED DSN TECH 1 Multi media Design Technology 1	30, 31	/			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC @7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
OTA0040	INFO TECH ASST Information Technology Assistant		/Y	VO	1.0		
GRA0005	MULTIMED PROD ASST Multi media Production Assistant		/Y	PA	1.0		
GRA0006	MULTIMED JR DSN Multi media Junior Designer		/Y	PA	3.0		

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Y600200	MULTIMED DSN TECH 2 Mul ti medi a Desi gn Technol ogy 2	30, 31 /			BUS ED 1 @2 CLERICAL @7 G TEACH CBE @7 ELECT DP @7 G COMPU SCI 6 COMM ART @7 G TEC ED 1 @2	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC @7 G STENOG @4 TV PRO TEC @7 G PRINTING @7 G
GRA0007	MULTIMED DESIGNER Mul ti medi a Desi gner		/Y VO	1.0		
GRA0008	MULTIMED PRODUCER Mul ti medi a Producer		/Y VO	2.0		
GRA0009	MULTIMEDIA SPECIALIST Mul ti medi a Speci alist		/Y VO	1.0		
8207400	NEW MEDIA TECH New Medi a Technol ogy	9-12, 30, 31 /			BUS ED 1 @2 TEACH CBE @7 TEC ELEC @7 G BUS DP @7 G WHOLESALE @7 G COMPU SCI 6 TEC ED 1 @2 COMP SVC 7 G	CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOG @4 TV PRO TEC @7 G SECRETAR @7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND		/S VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR		/S VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2		/Y VO	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2		/Y PA	1.0		
8207410	NEW MEDI DIG IM FUND New Medi a and Di gi tal I magi ng Fundamentals/Level 2		/Y PA	1.0		
8207420	DIG VID SOUND FUND Di gi tal Vi deo and Sound Fundamental s /Level 2		/Y PA	1.0		
8207110	WEB DESIGN 1 Web Desi gn 1/Level 2		/Y PA	1.0		

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					CLERICAL	TECHNICAL
B077400	NEW MEDIA TECH New Medi a Technol ogy	30, 31 /			BUS ED 1 @2 TEACH CBE @7 TEC ELEC @7 G BUS DP @7 G SECRETAR @7 G COMPU SCI 6 TEC ED 1 @2 WHOLESA L @7 G	CLERICAL @7 G ELECT DP @7 G COMM ART @7 G VOE @7 STENOG @4 TV PRO TEC @7 G COMP SVC 7 G
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant		/Y VO	1.0		
GRA0001	PRESENTATION SPEC Presentati on Speci alist		/Y PA	1.0		
GRA0002	PRESENT GRAPH ARTIST Presentati on Graphi c Arti st		/Y PA	1.0		
GRA0003	WEB PROD/DESIGN ASST Web Producti on/Desi gn Assi stant		/Y PA	1.0		
<sup>a</sup> 8207500	WEB DESIGN Web Desi gn	9-12, 30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENOG @4 COMPU SCI 6	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G CLERICAL @7 G
8200320	KEYBD & BUS SK & Keyboardi ng and Busi ness Ski lls/ Level 2 AND		/S VO	0.5		
8200330	CPT & BUS SK OR Computer and Busi ness Ski lls/Level 2 OR		/S VO	0.5		
8209020	CPT FOR COLG & CAR Computi ng for Col l ege and Caree rs/ Level 2		/Y VO	1.0		
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2		/Y PA	1.0		
8207110	WEB DESIGN 1 Web Desi gn 1/Level 2		/Y PA	1.0		
8207120	WEB DESIGN 2 Web Desi gn 2/Level 3		/Y PA	1.0		
8207130	WEB DESIGN 3 Web Desi gn 3/Level 3		/Y PA	1.0		
8207140	WEB DESIGN 4 Web Desi gn 4/Level 3		/Y PA	1.0		
8207150	WEB DESIGN 5 Web Desi gn 5/Level 3		/Y PA	1.0		

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8207160	WEB DESIGN 6 Web Design 6/Level 3	/Y	PA	1.0		
ªB070500	WEB DESIGN Web Design	30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENO G @4 COMPU SCI 6 CLERICAL @7 G	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO	1.0		
CTS0076	ASST WEB DESIGNER Assistant Web Designer	/Y	PA	2.0		
CTS0077	WEB DESIGNER Web Designer	/Y	PA	2.0		
CTS0078	SR WEB DESIGNER Senior Web Designer	/Y	PA	2.0		
ª9001100	WEB DEVELOPMENT Web Development	9-12, 30, 31 /			BUS ED 1 @2 TEACH CBE @7 ELECT DP @7 G STENO G @4 COMPU SCI 6 CLERICAL @7 G	VOE @7 BUS DP @7 G SECRETAR @7 G TEC ELEC \$7 G COMM ART @7 G WEB DEV 7 G
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5		
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5		
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0		
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0		
9001110	FOUND OF WEB DESIGN Foundations of Web Design/Level 3	/Y	VO	1.0		
9001120	USER INTERFACE DSN User Interface Design/Level 3	/Y	VO	1.0		
9001130	WEB SCRIPT FUND Web Scripting Fundamentals/Level 3	/Y	VO	1.0		
9001140	MEDIA INTEGRAT ESS Media Integration Essentials/Level 3	/Y	VO	1.0		



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9001150	E-COMM & MKT ESS E-Commerce & Marketi ng Essenti als/ Level 3		/Y VO	1.0					
9001160	INTERACTI VITY ESS Interacti vi ty Essenti als/Level 3		/Y VO	1.0					
AY700100	WEB DEVELOPMENT Web Devel opment	30, 31	/		BUS ED 1 @2	VOE @7			
					TEACH CBE @7	BUS DP @7	G		
					ELECT DP @7	SECRETAR @7	G		
					STENOG @4	TEC ELEC \$7	G		
					COMPU SCI 6	CLERICAL @7	G		
					WEB DEV 7				
OTA0040	INFO TECH ASST Informati on Technol ogy Assi stant		/Y VO	1.0					
CTS0070	WEB DESIGN FOUND Web Design Foundati ons		/Y VO	1.0					
CTS0071	WEB INTERFACE DSN Web Interface Desi gn		/Y VO	1.0					
CTS0049	WEB SCRIPTING Web Scripti ng		/Y VO	1.0					
CTS0015	WEB MEDIA INTEGRAT Web Medi a Integrati on		/Y VO	1.0					
CTS0016	WEB E-COMMERCE Web E-Commerce		/Y VO	1.0					
CTS0017	WEB INTERACTIVITY Web Interacti vi ty		/Y VO	1.0					
B079200	WEB PGM SERS Web Programmi ng Servi ces	30, 31	/		BUS ED 1 @2	VOE @7			
					TEACH CBE @7	BUS DP @7	G		
					ELECT DP @7	TEC ELEC \$7	G		
					COMPU SCI 6				
CTS0011	WEB DEVELOPER ASST Web Devel oper Assi stant		/Y VO	1.0					
CTS0012	DATABASE SPEC Database Speci alist		/Y VO	1.0					
CTS0013	JR APP DEVELOPER Juni or Appl i cati on Devel oper		/Y VO	2.5					
CTS0014	WEB APP DEVELOPER Web Appl i cati on Devel oper		/Y VO	2.5					

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			GRADUATION REQUIREMENTS			GRADUATION REQUIREMENTS	
PROGRAMMING & SOFTWARE DEVELOPMENT CAREER PATH (ITPD)							
8206500	BUSINESS CPTR PGM Business Computer Programming	9-12, 30, 31 /				BUS ED 1 @2 TEACH CBE @7 TEC ELEC \$7 G BOOKKEEPIN @4 @7 G	VOE @7 BUS DP @7 G ELECT DP @7 G COMPU SCI 6
8200320	KEYBD & BUS SK & Keyboarding and Business Skills/ Level 2 AND	/S	VO	0.5			
8200330	CPT & BUS SK OR Computer and Business Skills/Level 2 OR	/S	VO	0.5			
8209020	CPT FOR COLG & CAR Computing for College and Careers/ Level 2	/Y	VO	1.0			
8207310	INTROD TO INFO TECH Introduction to Information Technology /Level 2	/Y	PA	1.0			
8206010	BUS CPT PGM 1 Business Computer Programming 1/ Level 2	/Y	VO	1.0			
8206020	BUS CPT PGM 2 Business Computer Programming 2/ Level 2	/Y	VO	1.0			
8206030	BUS CPT PGM 3 Business Computer Programming 3/ Level 2	/Y	VO	1.0			
8206040	BUS CPT PGM 4 Business Computer Programming 4/ Level 2	/Y	VO	1.0			
8206050	BUS CPT PGM 5 Business Computer Programming 5/ Level 3	/Y	VO	1.0			
8206060	BUS CPT PGM 6 Business Computer Programming 6/ Level 3	/Y	VO	1.0			
8206070	BUS CPT PGM 7 Business Computer Programming 7/ Level 3	/Y	VO	1.0			
B070320	BUSINESS CPTR PGM Business Computer Programming	30, 31 /				BUS ED 1 @2 TEACH CBE @7 TEC ELEC \$7 G BOOKKEEPIN @4 @7 G	VOE @7 BUS DP @7 G ELECT DP @7 G COMPU SCI 6

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			SUBJECT AREA GRADUATION REQUIREMENTS		
OTA0040	INFO TECH ASST Information Technology Assistant	/Y	VO		1.0
CTS0041	CPT PROGRAMMER ASST Computer Programmer Assistant	/Y	VO		2.0
CTS0042	JR PROGRAMMER Junior Programmer	/Y	VO		2.0
CTS0043	JR PROGRAMMER II Junior Programmer II	/Y	VO		2.0
CTS0044	CPT PROGRAMMER Computer Programmer	/Y	VO		1.0

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LAW, PUBLIC SAFETY & SERVICE CAREER CLUSTER

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CORRECTION SERVICES CAREER PATH (LWPA)  
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P430112	AUX CORRECTIONAL OFR Auxiliary Correctional Officer	30, 31	/			LAW ENF @7 G PUB SERV @7 G		CORR OFF @7 G
CJK0263	FUND OF CORR AUX OFR Fundamentals of Correctional Auxiliary Officer		/Y	VO	0.0			
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0			
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5			
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	VO	0.5			
P430155	COMB CJSTC CORR & LE Combined CJSTC Corrections and Law Enforcement Basic Dual Cert	30, 31	/			LAW ENF @7 G CORR OFF @7 G		PUB SERV @7 G
CJK0270	CRIM JUSTICE LEGAL 1 Criminal Justice Legal 1		/Y	VO	0.0			
CJK0285	CRIM JUSTICE LEGAL 2 Criminal Justice Legal 2		/Y	VO	0.0			
CJK0286	CRIM JUSTICE COMM Criminal Justice Communications		/Y	VO	0.0			
CJK0100	INTERPER SKILLS 1 Interpersonal Skills 1		/Y	VO	0.0			
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0			

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			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	VO	0.5
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0
CJK0280	CJ OFF PHY FIT TR/CO Criminal Justice Officer Physical Fitness Training/Correctional Office		/Y	VO	0.0
CJK0221	CORR CO TO LE INTRO Correctional Cross-over to Law Enforcement Introduction and Legal		/Y	VO	0.0
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications		/Y	VO	0.0
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues		/Y	VO	0.0
CJK0061	PATROL 1 Patrol 1		/Y	VO	0.0
CJK0062	PATROL 2 Patrol 2		/Y	VO	0.0
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y	VO	0.0
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y	VO	0.0
CJK0082	TRAFFIC STOPS Traffic Stops		/Y	VO	0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	VO	0.0
P43015B	COMB CJSTC (Cont.) Combined CJSTC Corrections and Law Enforcement Basic Dual Cert (Cont.)	30, 31	/		
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations		/Y	VO	0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y	VO	0.0
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
CJK0212	CROSS CORR/LE CMS HL Crossover Correctional To Law Enforcement CMS High Liability		/Y	VO	0.0
P430145	COMB CJSTC LW & CORR Combi ned CJSTC Law Enforcement and Corrections Basic Dual Certifi cation	30, 31	/		LAW ENF @7 G CORR OFF @7 G PUB SERV @7 G
CJK0007	INTRO TO LAW ENFORCE Introduction to Law Enforcement		/Y	VO	0.0
CJK0008	LEGAL Legal		/Y	VO	0.0
CJK0017	COMMUNI CATIONS Communi cations		/S	VO	0.5
CJK0011	HUMAN ISSUES Human Issues		/Y	VO	0.0
CJK0061	PATROL 1 Patrol 1		/Y	VO	0.0
CJK0062	PATROL 2 Patrol 2		/Y	VO	0.0
CJK0076	CRIME SCENE INVEST Crime Scene Investi gations		/Y	VO	0.0
CJK0071	CRIMINAL INVEST Crimi nal Investi gations		/Y	VO	0.0
CJK0082	TRAFFIC STOPS Traffi c Stops		/Y	VO	0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffi c Stops		/Y	VO	0.0
CJK0086	TRAF CRASH INVEST Traffi c Crash Investi gations		/Y	VO	0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehi cle Operati ons		/Y	VO	0.0
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Crimi nal Justi ce Offi cer		/Y	VO	0.0
CJK0040	CMS CRIM JUST FIREAR CMS Crimi nal Justi ce Fi rearms		/S	VO	0.5
CJK0051	CMS CRIM JUST DEF TA CMS Crimi nal Justi ce Defensi ve Tacti cs		/S	VO	0.5
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0
CJK0096	CJ OFF PHYS FIT TRA Crimi nal Justi ce Offi cer Physi cal Fi tness Trai ning/Law Enforcement		/Y	VO	0.0

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			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0204	LE CO TO CORR INTRO Law Enforcement Cross-Over to Correctional Introduction		/Y	VO	0.0
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0
P430102	CORR OFFICER Correctional Officer (Traditional Correctional B RTP)	30, 31	/		CORR OFF @7 G PUB SERV @7 G
CJK0270	CRIM JUSTICE LEGAL 1 Criminal Justice Legal 1		/Y	VO	0.0
CJK0285	CRIM JUSTICE LEGAL 2 Criminal Justice Legal 2		/Y	VO	0.0
CJK0286	CRIM JUSTICE COMM Criminal Justice Communications		/Y	VO	0.0
CJK0100	INTERPER SKILLS 1 Interpersonal Skills 1		/Y	VO	0.0
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	VO	0.5
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0
CJK0280	CJ OFF PHY FIT TR/CO Criminal Justice Officer Physical Fitness Training/Correctional Officer		/Y	VO	0.0
P430122	CORR PRO OFR Correctional Probation Officer	30, 31	/		LAW ENF @7 G PUB SERV @7 G
CJK0271	CORR PROB LEGAL Correctional Probation Legal		/Y	VO	0.0
CJK0272	CORR PROB INT COM SK Correctional Probation Interpersonal Communication Skills		/Y	VO	0.0
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management		/Y	VO	0.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
CJK0274	CORR PROB SUPERVIS Correctional Probation Supervision	/S	VO		0.5
CJK0275	CORR PROB INVEST Correctional Probation Investigations	/Y	VO		0.0
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems	/Y	VO		0.0
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO		0.5
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer	/Y	VO		0.0
CJK0255	CMS CORR PROB FIREAR CMS Correctional Probation Firearms	/Y	VO		0.0
CJK0281	CJ OFF PHY FIT TR/PO Criminal Justice Officer Physical Fitness Training/Probation Officer	/Y	VO		0.0
P430132	CROSSOVER CO TO CPO Crossover from Correctional Officer to Correctional Probation Officer	30, 31	/	LAW ENF @7 G CORR OFF @7 G	PUB SERV @7 G
CJK0230	CORR CO TO CP: LEG&CO Correctional Cross-Over to Correctional Probation Legal & Communication	/Y	VO		0.0
CJK0231	CORR CO TO CP: SUPERV Correctional Cross-Over to Correctional Probation Supervision	/Y	VO		0.0
CJK0232	CORR CO TO CP: INVEST Correctional Cross-Over to Correctional Probation Investigations	/Y	VO		0.0
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems	/Y	VO		0.0
CJK0273	CORR PROB CASE MGMT Correctional Probation Caseload Management	/Y	VO		0.0
P430125	CROSSOVER CO TO LEO Crossover from Correctional Officer to Law Enforcement Officer	30, 31	/	LAW ENF @7 G CORR OFF @7 G	PUB SERV @7 G
CJK0221	CORR CO TO LE INTRO Correctional Cross-over to Law Enforcement Introduction and Legal	/Y	VO		0.0
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications	/Y	VO		0.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues		/Y	VO	0.0
CJK0061	PATROL 1 Patrol 1		/Y	VO	0.0
CJK0062	PATROL 2 Patrol 2		/Y	VO	0.0
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y	VO	0.0
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y	VO	0.0
CJK0082	TRAFFIC STOPS Traffic Stops		/Y	VO	0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	VO	0.0
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations		/Y	VO	0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y	VO	0.0
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0
CJK0212	CROSS CORR/LE CMS HL Crossover Correctional To Law Enforcement CMS High Liability		/Y	VO	0.0
P430162	CROSSOVER LEO TO CPO Crossover from Law Enforcement Officer to Correctional Probation Officer (BRTP)	30, 31	/		LAW ENF @7 G CORR OFF @7 G PUB SERV @7 G
CJK0252	LE CO TO CP LEGAL Law Enforcement Cross-Over to Correctional Probation Legal & Investigation		/Y	VO	0.0
CJK0256	LE CO TO CP CASELOAD Law Enforcement Cross-Over to Correctional Probation Caseload Management		/Y	VO	0.0
CJK0257	LE CO TO CP SUPERVIS Law Enforcement Cross-Over to Correctional Probation Supervision		/Y	VO	0.0
CJK0276	CORR PROB MGMT INFO Correctional Probation Management Information Systems		/Y	VO	0.0
P430152	CROSSOVER LEO TO CO Crossover from Law Enforcement Officer to Correctional Officer	30, 31	/		LAW ENF @7 G CORR OFF @7 G PUB SERV @7 G



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			GRADUATION REQUIREMENTS		
CJK0204	LE CO TO CORR INTRO Law Enforcement Cross-Over to Correctional Introduction		/Y	VO	0.0
CJK0101	INTERPER SKILLS 2 Interpersonal Skills 2		/Y	VO	0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness		/Y	VO	0.0
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0
P43014B	COMB CJSTC LW & CORR Crossover Correctional Officer to Correctional Probation Off (Cont.)	30, 31	/		
CJK0102	CORRECTIONAL OPS Correctional Operations		/Y	VO	0.0
L100100	JJ DET/RES OFFICER Juvenile Justice Detention/ Residential Officer	30, 31	/Y		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
CJB0250	PROF ATT OF JJ OFF Professional Attributes of a Juvenile Justice Officer		/S	VO	0.5
CJB0251	JJ ISSUES Juvenile Justice Issues		/S	VO	0.5
EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB)					
8918100	FIRE FIGHTER Fire Fighter	10-12, 30, 31/			FIRE FIGHT @7 G      PUB SERV @7 G
8918110	FIRE FIGHTING 1 Fire Fighting 1/Level 2		/Y	VO	1.0
8918120	FIRE FIGHTING 2 Fire Fighting 2/Level 2		/Y	VO	1.0
8918130	FIRE FIGHTING 3 Fire Fighting 3/Level 3		/Y	VO	1.0
P430205	FIRE FIGHTER Fire Fighter	30, 31	/		FIRE FIGHT @7 G      PUB SERV @7 G
FFP0010	FIRE FIGHTER I Fire Fighter I		/Y	VO	2.0
FFP0020	FIRE FIGHTER II Fire Fighter II		/Y	VO	1.0
FFP0360	FIRE APPARATUS OP Fire Apparatus Operator		/S	VO	0.5
FFP0363	EVOC Emergency Vehicle Operator Course		/Y	VO	0.0

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					LAW ENF	PUB SERV
FFP0142	MED FIRST RESPONDER Medical First Responder		/Y VO	0.0		
P43020R	FIRE FIGHT - APPR Fire Fighter - Apprenticeship	30, 31	/			
P430207	FIRE INSTRUCTOR Fire Instructor	30, 31	/		FIRE FIGHT @7	G
FFP0160	FIRE INSTRUCTOR I Fire Instructor I		/Y VO	0.0		
FFP0161	FIRE INSTRUCTOR II Fire Instructor II		/Y VO	0.0		
FFP0162	FIRE INSTRUCT III Fire Instructor III		/Y VO	0.0		
P430202	FIRE INVESTIGATOR Fire Investigator	30, 31	/		FIRE FIGHT @7	G
FFP0660	FIRE INVESTIGATOR I Fire Investigator I		/Y VO	1.0		
FFP0661	FIRE INVEST II Fire Investigator II		/Y VO	1.0		
P430206	FIRE OFFICER Fire Officer	30, 31	/		FIRE FIGHT @7	G
FFP0760	FIRE OFFICER I Fire Officer I		/Y VO	2.0		
FFP0761	FIRE OFFICER II Fire Officer II		/Y VO	2.0		
P430204	FIRE SAFETY INSPECT Fire Safety Inspector	30, 31	/		FIRE FIGHT @7	G
FFP0560	FIRE SAFETY INSPECT I Fire Safety Inspector I		/Y VO	1.0		
FFP0562	FIRE SAFETY INSPEC II Fire Safety Inspector II		/Y VO	1.0		
P439991	POL SERV AIDE Police Service Aide	30, 31	/		LAW ENF @7	G PUB SERV @7 G
CJK0110	PARK ENFORCE SPEC Parking Enforcement Specialist		/Y VO	0.0		
CJK0112	TRAF ACCIDENT INVEST Traffic Accident Investigator		/S VO	0.5		
CJK0114	POLICE SERVICE AIDE Police Service Aide		/S VO	0.5		
9101000	PUBLIC SAF TELE Public Safety Telecommunication	11-12	/Y		LAW ENF @7 G CORR OFF @7 G	FIRE FIGHT @7 PUB SERV @7 G
9101100	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance		/Y VO	1.5		
P090101	PUBLIC SAF TELE Public Safety Telecommunication	30, 31	/		LAW ENF @7 G CORR OFF @7 G	FIRE FIGHT @7 PUB SERV @7 G

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			GRADUATION REQUIREMENTS						
EMS0002	DISP: POL, FIRE, AMB Dispatcher: Police, Fire, Ambulance		/Y	VO	1.5				
P430203	PUMP OPERATOR Pump Operator	30, 31	/			FIRE FIGHT @7	G	PUB SERV	@7 G
FFP0360	FIRE APPARATUS OP Fire Apparatus Operator		/S	VO	0.5				
----- SECURITY & PROTECTIVE SERVICES CAREER PATH (LWPC) -----									
P430208	PRIV INVEST INTERN Private Investigator Intern	30, 31	/			LAW ENF	@7 G	PUB SERV	@7 G
SCY0051	PRIV INVEST INTERN 1 Private Investigator Intern 1		/Y	VO	0.0				
SCY0052	PRIV INVEST INTERN 2 Private Investigator Intern 2		/Y	VO	0.0				
P430109	PRIVATE SECURITY OFR Private Security Officer	30, 31	/			LAW ENF	@7 G	PUB SERV	@7 G
CJK0132	PRIVATE SEC OFF Private Security Officer		/Y	VO	0.0				
CJK0134	ARMED PRIV SEC OFF Armed Private Security Officer		/Y	VO	0.0				
8918031	PRIVATE SECURITY OFR Private Security Officer/Level 3	12, 30, 31	/Y	VO	1.0	LAW ENF	@7 G	PUB SERV	@7 G
P430110	SEA SEC OFR Seaport Security Officer	30, 31	/			LAW ENF	@7 G	PUB SERV	@7 G
DSC0230	SEAPORT SECURITY OFF Seaport Security Officer		/Y	VO	1.0				
----- LAW ENFORCEMENT SERVICES CAREER PATH (LWPD) -----									
P430115	AUX LAW ENF OFR Auxiliary Law Enforcement Officer	30, 31	/			LAW ENF	@7 G	PUB SERV	@7 G
CJK0240	LE AUX INTRO Law Enforcement Auxiliary Introduction		/Y	VO	0.0				
CJK0241	LE AUX PAT & TRAFFIC Law Enforcement Auxiliary Patrol and Traffic		/Y	VO	0.0				
CJK0242	LE AUX INVESTIGATION Law Enforcement Auxiliary Investigations		/Y	VO	0.0				

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION									
			GRADUATION REQUIREMENTS											
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0									
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Offi cer	/Y	VO		0.0									
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5									
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics	/S	VO		0.5									
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0									
8918000	CRIMINAL JUST OPS Criminal Justice Operations	9-12, 30, 31	/			CORR OFF PUB SERV	@7 @7	G G		LAW ENF	@7	G		
8918010	CRIMINAL JUST OPS 1 Criminal Justice Operations 1/Level 2	/Y	VO		1.0									
8918020	CRIMINAL JUST OPS 2 Criminal Justice Operations 2/Level 2	/Y	VO		1.0									
8918030	CRIMINAL JUST OPS 3 Criminal Justice Operations 3/Level 3	/Y	VO		1.0									
8918040	CRIMINAL JUST OPS 4 Criminal Justice Operations 4/Level 3	/Y	VO		1.0									
P430199	CRIMINAL JUST OPS Criminal Justice Operations	30, 31	/			CORR OFF PUB SERV	@7 @7	G G		LAW ENF	@7	G		
CJK0120	POL SERVICE AIDE-CJO Police Service Aide- Criminal Justice Operations	/Y	VO		3.0									
P430107	CROSSOVER CPO TO LEO Crossover Correctional Probation Offi cer to Law Enforcement Offi cer	30, 31	/			LAW ENF CORR OFF	@7 @7	G G		PUB SERV	@7	G		
CJK0221	CORR CO TO LE INTRO Correctional Cross-over to Law Enforcement Introduction and Legal	/Y	VO		0.0									
CJK0222	CORR CO TO LE COMM Correctional Cross-over to Law Enforcement Communications	/Y	VO		0.0									
CJK0223	CORR CO TO LE HUMAN Correctional Cross-over to Law Enforcement Human Issues	/Y	VO		0.0									
CJK0061	PATROL 1 Patrol 1	/Y	VO		0.0									
CJK0062	PATROL 2 Patrol 2	/Y	VO		0.0									
CJK0076	CRIME SCENE INVEST Crime Scene Investi gati ons	/Y	VO		0.0									

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0071	CRIMINAL INVEST Criminal Investigations	/Y	VO		0.0
CJK0082	TRAFFIC STOPS Traffic Stops	/Y	VO		0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops	/Y	VO		0.0
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations	/Y	VO		0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations	/Y	VO		0.0
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun	/Y	VO		0.0
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5
P430142	CROSSOVER CPO TO CO Crossover Correctional Probation Officer Training to Traditional Correctional (BRTP)	30, 31	/		LAW ENF @7 G CORR OFF @7 G
CJK0277	CP CO TO CORR LEGAL Correctional Probation Cross-Over to Correctional Legal and Communication	/Y	VO		0.0
CJK0278	CP CO TO CORR SKILL1 Correctional Probation Cross-Over to Correctional Interpersonal Skill1	/Y	VO		0.0
CJK0279	CP CO TO CORR SKILL2 Correctional Probation Cross-Over to Correctional Interpersonal Skill2	/Y	VO		0.0
CJK0480	EMERGENCY PREPARE Emergency Preparedness	/Y	VO		0.0
CJK0102	CORRECTIONAL OPS Correctional Operations	/Y	VO		0.0
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms	/S	VO		0.5
P430105	LAW ENFORCEMENT OFR Law Enforcement Officer	30, 31	/		LAW ENF @7 G CORR OFF @7 G
CJK0007	INTRO TO LAW ENFORCE Introduction to Law Enforcement	/Y	VO		0.0
CJK0008	LEGAL Legal	/Y	VO		0.0
CJK0017	COMMUNICATIONS Communications	/S	VO		0.5
CJK0011	HUMAN ISSUES Human Issues	/Y	VO		0.0

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			SUBJECT AREA GRADUATION REQUIREMENTS		
CJK0061	PATROL 1 Patrol 1		/Y	VO	0.0
CJK0062	PATROL 2 Patrol 2		/Y	VO	0.0
CJK0076	CRIME SCENE INVEST Crime Scene Investigations		/Y	VO	0.0
CJK0071	CRIMINAL INVEST Criminal Investigations		/Y	VO	0.0
CJK0082	TRAFFIC STOPS Traffic Stops		/Y	VO	0.0
CJK0083	DUI TRAFFIC STOPS DUI Traffic Stops		/Y	VO	0.0
CJK0086	TRAF CRASH INVEST Traffic Crash Investigations		/Y	VO	0.0
CJK0020	CMS LAW ENF VEH OPS CMS Law Enforcement Vehicle Operations		/Y	VO	0.0
CJK0031	CMS FIRST AIDE/CJO CMS First Aide for Criminal Justice Officer		/Y	VO	0.0
CJK0040	CMS CRIM JUST FIREAR CMS Criminal Justice Firearms		/S	VO	0.5
CJK0051	CMS CRIM JUST DEF TA CMS Criminal Justice Defensive Tactics		/S	VO	0.5
CJK0422	DART FIRING STUN GUN Dart Firing Stun Gun		/Y	VO	0.0
CJK0096	CJ OFF PHYS FIT TRA Criminal Justice Officer Physical Fitness Training/Law Enforcement		/Y	VO	0.0
----- LEGAL SERVICES CAREER PATH (LWPE) -----					
P430135	BAIL BOND AGENT Bail Bond Agent	30, 31	/		LAW ENF @7 G
SCY0050	BAIL BOND AGENT Bail Bond Agent		/S	VO	0.5
8900220	EX OF CJ OCCS Explorati on of Criminal Justice Occupati ons	6-9, 30, 31	/S	VO	0.5 LAW ENF @7 G ANY PUB SERV OCC ED G

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----- GENERAL PROGRAMS -----				
8900222	EXP OF CJ OCCS & CP Explorati on of Crimi nal Justi ce Occupati ons and Career Pl anni ng	6-9, 30, 31 /S	VO	0.5 LAW ENF @7 G ANY PUB SERV OCC ED G
8900410	PUB SERV COOP ED-OJT Publ ic Servi ce Cooperati ve Educati on - OJT	9-12, 30, 31 /M	VO MULTIPLE	ANY PUB SERV OCC ED G
P439999	PUB SERV COOP ED-OJT Publ ic Servi ce Cooperati ve Educati on -OJT	30, 31 /		ANY PUB SERV OCC ED G
8900100	PUB SERV DIR STUDY Publ ic Servi ce Educati on Di rected Study	1112, 30, 31 /M	VO MULTIPLE	ANY PUB SERV OCC ED G
8999990	PUB SERV ED TRAN Publ ic Servi ce Educati on Transfer	9-12, 30, 31 /		NA
P000000	PUB SERV ED TRAN Publ ic Servi ce Educati on Transfer	30, 31 /		NA

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MANUFACTURING CAREER CLUSTER

MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)  
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9200100	AUTO & PROD TECH Automati on and Producti on Technol ogy	9-12, 30, 31 /		AUTO PROD 7G ENG 7 G TEC ED 1 @2	ELECTRONI C @7 G
9200110	AUTO & PROD TECH 1 Automati on and Producti on Technol ogy 1, Level 2	/Y	VO	1.0	
9200120	AUTO & PROD TECH 2 Automati on and Producti on Technol ogy 2, Level 2	/Y	VO	1.0	
9200130	AUTO & PROD TECH 3 Automati on and Producti on Technol ogy 3, Level 3	/Y	VO	1.0	
9200140	AUTO & PROD TECH 4 Automati on and Producti on Technol ogy 4, Level 3	/Y	VO	1.0	

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			GRADUATION REQUIREMENTS			
J100100	AUTO & PROD TECH Automation and Production Technology	30, 31	/			AUTO PROD 7G ENG 7 G TEC ED 1 @2 ELECTRONIC @7 G
ETI 0481	PRODUCTI ON WORKER Producti on Worker		/Y	VO	1.0	
ETI 0482	ASSEMBLER Assembl er		/Y	VO	1.0	
ETI 0484	PROCESS ASSI STANT Process Assi stant		/Y	VO	1.0	
ETI 0485	AUTO & PROD TECH Automati on and Producti on Techni ci an		/Y	VO	1.0	
I 480202	CMCL SGN DESIGN&FAB Commerci al Si gn Desi gn and Fabri cati on	30, 31	/			COMM ART @7 G
GRA0030	SCREEN PRINTER HLP Screen Printer Hel per		/Y	VO	2.0	
GRA0031	SCREEN PRINTER Screen Pri nter		/Y	VO	2.0	
GRA0032	SIGN FAB 1 Si gn Fabric ator 1		/Y	VO	2.0	
GRA0033	SIGN FAB 2 Si gn Fabric ator 2		/Y	VO	2.0	
GRA0034	SIGN ERECTOR I Si gn Erector I		/Y	VO	2.0	
I 48020R	CMCL SGN DSNFAB-APPR Commerci al Si gn Desi gn and Fabri cati on - Appren ti ceshi p	30, 31	/			
I 150404	ELEC & INST TECH Electri cal and Instrumentati on Technol ogy	30, 31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0650	ELECTRI CI AN (CONST) Electri ci an (Constructi on)		/Y	VO	2.0	
EEV0652	INSTRUMENT MECH Instrument Mechani c		/Y	VO	2.0	
EEV0654	ELECTRI CI AN MAINT Electri ci an Mai ntenance		/Y	VO	2.0	
EEV0656	INSTRUMENT TECH Instrument Techni ci an		/Y	VO	2.5	
EEV0658	OP ENGR ASST STAT Operati ng Engi neer Assi stant Stati onary		/Y	VO	2.5	
J110100	ELEC & INST TECH 1 Electri cal and Instrumentati on Technol ogy 1	30, 31	/			TEC ELEC @7 G ELECTRONIC @7 G
EEV0650	ELECTRI CI AN (CONST) Electri ci an (Constructi on)		/Y	VO	2.0	



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			SUBJECT AREA GRADUATION REQUIREMENTS		
EEV0652	INSTRUMENT MECH Instrument Mechanic		/Y	VO	2.0
EEV0654	ELECTRICIAN MAINT Electrician Maintenance		/Y	VO	2.0
J110200	ELEC & INST TECH 2 Electrical and Instrumentation Technology 2	30, 31	/		TEC ELEC @7 G ELECTRONIC @7 G
EEV0656	INSTRUMENT TECH Instrument Technician		/Y	VO	2.5
EEV0658	OP ENGR ASST STAT Operating Engineer Assistant Stationary		/Y	VO	2.5
8743000	ENGR ASSIST Engineering Assisting	9-12, 30, 31	/		TEC CONSTR ¶7 ¶G BLDG CONST ¶7 ¶G MILLWRIGHT @7 G IND ENGR @7 G TEC EN AID ¶7 ¶G ENG 7 G MACH SHOP @7 G WELDING @7 G ELECTRONIC @7 G TEC ED 1 @2
8743010	ENGR ASSIST 1 Engineering Assisting 1/Level 2		/Y	VO	1.0
8743020	ENGR ASSIST 2 Engineering Assisting 2/Level 2		/Y	VO	1.0
8743030	ENGR ASSIST 3 Engineering Assisting 3/Level 2		/Y	VO	1.0
8743040	ENGR ASSIST 4 Engineering Assisting 4/Level 2		/Y	VO	1.0
8743050	ENGR ASSIST 5 Engineering Assisting 5/Level 2		/Y	VO	1.0
8743060	ENGR ASSIST 6 Engineering Assisting 6/Level 2		/Y	VO	1.0
I150603	INDUS TECH Industrial Technology	30, 31	/		IND ENGR @7 G
ETI0600	DRAFT ASST MACH Drafting Assistant Machining		/Y	VO	2.0
ETI0601	COST CONTROL ASST Cost Control Assistant		/Y	VO	2.0
ETI0602	INDUST TECH ASST 1 Industrial Technical Assistant 1		/Y	VO	1.5
ETI0603	INDUST TECH ASST 2 Industrial Technical Assistant 2		/Y	VO	1.5
ETI0604	INDUST ENGR TECH 1 Industrial Engineering Technician 1		/Y	VO	1.5
ETI0605	INDUST ENGR TECH 2 Industrial Engineering Technician 2		/Y	VO	1.5

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
----- PRODUCTI ON CAREER PATH (MNPB) -----					
8721000	BOATBLD WO & FAB Boatbui l di ng-Wood and Fabri cated	9-12, 30, 31 /			CAB WOODWK @7 G      CARPENTRY @7 G
8721010	BOATBLD WO & FAB 1 Boatbui l di ng-Wood and Fabri cated 1/ Level 2	/Y	VO	1.0	
8721020	BOATBLD WO & FAB 2 Boatbui l di ng-Wood and Fabri cated 2/ Level 2	/Y	VO	1.0	
8721030	BOATBLD WO & FAB 3 Boatbui l di ng-Wood and Fabri cated 3/ Level 2	/Y	VO	1.0	
8721040	BOATBLD WO & FAB 4 Boatbui l di ng-Wood and Fabri cated 4/ Level 2	/Y	VO	1.0	
8721050	BOATBLD WO & FAB 5 Boatbui l di ng-Wood and Fabri cated 5/ Level 2	/Y	VO	1.0	
8721060	BOATBLD WO & FAB 6 Boatbui l di ng-Wood and Fabri cated 6/ Level 2	/Y	VO	1.0	
8721070	BOATBLD WO & FAB 7 Boatbui l di ng-Wood and Fabri cated 7/ Level 2	/Y	VO	1.0	
8721080	BOATBLD WO & FAB 8 Boatbui l di ng-Wood and Fabri cated 8/ Level 2	/Y	VO	1.0	
8721090	BOATBLD WO & FAB 9 Boatbui l di ng-Wood and Fabri cated 9/ Level 2	/Y	VO	1.0	
I 480799	BOATBLD WO & FAB Boatbui l di ng-Wood and Fabri cated	30, 31 /			CAB WOODWK @7 G      CARPENTRY @7 G
MTE0304	FIBERGLASS PLUG SPEC Fi bergl ass Pl ug Speci al i st	/Y	VO	2.0	
MTE0305	FIBERGLASS TECH Fi bergl ass Techni ci an	/Y	VO	2.0	
MTE0306	FABRI CATION SPEC Fabri cation Speci al i st	/Y	VO	1.0	
MTE0320	WOODEN BOAT TECH Wooden Boat Techni ci an	/Y	VO	1.0	
MTE0321	WOODEN BOAT SPEC Wooden Boat Speci al i st	/Y	VO	1.0	

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
MTE0410	BOAT SYSTEMS SPEC Boat Systems Specialist	/Y	VO		2.0
8730300	ELECT SYS ASSEMB Electronic System Assembly	9-12, 30, 31 /			ELECTRONIC @7 G
8730310	ELECT SYS ASSEMBLY 1 Electronic System Assembly 1/Level 2	/Y	VO		1.0
8730320	ELECT SYS ASSEMBLY 2 Electronic System Assembly 2/Level 2	/Y	VO		1.0
8730330	ELECT SYS ASSEMBLY 3 Electronic System Assembly 3/Level 2	/Y	VO		1.0
I470129	ELECT SYS ASSEMBLY Electronic System Assembly	30, 31 /			TEC ELEC @7 G
EEV0020	ELECT, ELECTR ASSEMB Electrical, Electronic Assembler	/Y	VO		3.0
I48060R	IND PLASTICS - APPR Industrial Plastics - Apprenticeship	30, 31 /			
8754000	MACHINING Machining	9-12, 30, 31 /			MACH SHOP @7 G TOOL DIE @7 G
8754010	MACHINING 1 Machining 1/Level 2	/Y	VO		1.0
8754020	MACHINING 2 Machining 2/Level 2	/Y	VO		1.0
8754030	MACHINING 3 Machining 3/Level 2	/Y	VO		1.0
8754040	MACHINING 4 Machining 4/Level 3	/Y	VO		1.0
8754050	MACHINING 5 Machining 5/Level 3	/Y	VO		1.0
8754060	MACHINING 6 Machining 6/Level 3	/Y	VO		1.0
8754070	MACHINING 7 Machining 7/Level 3	/Y	VO		1.0
8754080	MACHINING 8 Machining 8/Level 3	/Y	VO		1.0
8754090	MACHINING 9 Machining 9/Level 3	/Y	VO		1.0
8754091	MACHINING 10 Machining 10/Level 3	/Y	VO		1.0
I480503	MACHINING Machining	30, 31 /			MACH SHOP @7 G TOOL DIE @7 G
PMT0020	MACHINIST HELPER Machinist Helper	/Y	VO		2.0
PMT0021	MACHINE OPERATOR Machine Operator	/Y	VO		3.0

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE	LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION		
PMT0023	MACHINE SETUP OP Machine Setup Operator		/Y	VO	3.0		
PMT0025	MACHINIST Machinist		/Y	VO	2.0		
I 48050R	MACHINING - APPR Machining - Apprenticeship		30, 31	/			
8754300	PRECISION METAL FAB Precision Metal Fabrication		9-12, 30, 31	/		SHEETMETAL @7 G WELDING @7 G	METAL WORK @7 G
8754310	METAL FABRICATION 1 Metal Fabrication 1/Level 2		/Y	VO	1.0		
8754320	METAL FABRICATION 2 Metal Fabrication 2/Level 2		/Y	VO	1.0		
8754330	METAL FABRICATION 3 Metal Fabrication 3/Level 2		/Y	VO	1.0		
8754340	METAL FABRICATION 4 Metal Fabrication 4/Level 2		/Y	VO	1.0		
8754350	METAL FABRICATION 5 Metal Fabrication 5/Level 2		/Y	PA	1.0		
8754360	METAL FABRICATION 6 Metal Fabrication 6/Level 2		/Y	VO	1.0		
8754370	METAL FABRICATION 7 Metal Fabrication 7/Level 2		/Y	VO	1.0		
8754380	METAL FABRICATION 8 Metal Fabrication 8/Level 2		/Y	VO	1.0		
8754390	METAL FABRICATION 9 Metal Fabrication 9/Level 2		/Y	VO	1.0		
8754391	METAL FABRICATION 10 Metal Fabrication 10/Level 2		/Y	VO	1.0		
I 480504	PRECISION METAL FAB Precision Metal Fabrication		30, 31	/		SHEETMETAL @7 G WELDING @7 G	METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabricator Helper		/Y	VO	3.0		
PMT0052	METAL FABRICATOR Metal Fabricator		/Y	VO	1.0		
PMT0053	METAL FAB ASSEMB 1 Metal Fabricator Assembler 1		/Y	PA	2.0		
PMT0054	METAL FAB ASSEMB 2 Metal Fabricator Assembler 2		/Y	VO	3.0		
PMT0055	STRUCT METAL FAB Structural Metal Fabricator		/Y	VO	2.0		
J310100	PRECISION MTL FAB 1 Precision Metal Fabrication 1		30, 31	/		SHEETMETAL @7 G WELDING @7 G	METAL WORK @7 G
PMT0050	METAL FAB HLP Metal Fabricator Helper		/Y	VO	3.0		

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION	
			GRADUATION REQUI REMENTS			
PMT0052	METAL FABRI CATOR Metal Fabri cator		/Y	VO	1.0	
PMT0053	METAL FAB ASSEMB 1 Metal Fabri cator Assembl er 1		/Y	PA	2.0	
J310200	PRECISION MTL FAB 2 Preci sion Metal Fabri cation 2	30, 31	/		SHEETMETAL @7 G WELDI NG @7 G	METAL WORK @7 G
PMT0054	METAL FAB ASSEMB 2 Metal Fabri cator Assembl er 2		/Y	VO	3.0	
PMT0055	STRUCT METAL FAB Structural Metal Fabri cator		/Y	VO	2.0	
8754100	SHEET METAL FAB TECH Sheet Metal Fabri cation Technol ogy	9-12, 30, 31	/		SHEETMETAL @7 G	METAL WORK @7 G
8754110	SHEET METAL FAB 1 Sheet Metal Fabri cation 1/Level 2		/Y	VO	1.0	
8754120	SHEET METAL FAB 2 Sheet Metal Fabri cation 2/Level 2		/Y	VO	1.0	
8754130	SHEET METAL FAB 3 Sheet Metal Fabri cation 3/Level 2		/Y	VO	1.0	
8754140	SHEET METAL FAB 4 Sheet Metal Fabri cation 4/Level 2		/Y	VO	1.0	
8754150	SHEET METAL FAB 5 Sheet Metal Fabri cation 5/Level 2		/Y	VO	1.0	
8754160	SHEET METAL FAB 6 Sheet Metal Fabri cation 6/Level 2		/Y	VO	1.0	
8754170	SHEET METAL FAB 7 Sheet Metal Fabri cation 7/Level 2		/Y	VO	1.0	
8754180	SHEET METAL FAB 8 Sheet Metal Fabri cation 8/Level 2		/Y	VO	1.0	
8754190	SHEET METAL FAB 9 Sheet Metal Fabri cation 9/Level 2		/Y	VO	1.0	
I 480506	SHEET METAL FAB TECH Sheet Metal Fabri cation Technol ogy	30, 31	/		SHEETMETAL @7 G	METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Hel per		/Y	VO	3.0	
PMT0032	SHEET METAL FAB Sheet Metal Fabri cator		/Y	VO	1.5	
PMT0033	ARCHI TECTURAL FAB Archi tectural Fabri cator		/Y	VO	1.5	
PMT0034	COMM KI TCHEN FAB Commerci al Ki tchen Fabri cator		/Y	VO	1.5	
PMT0035	SHEET METAL WELDER Sheet Metal Wel der		/Y	VO	1.5	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
I48052R	SH MTL FAB TECH-APPR Sheet Metal Fabrication Technology - Apprenticeship	30, 31	/		
J360100	SHEET MTL FAB TECH 1 Sheet Metal Fabrication Technology 1	30, 31	/		SHEETMETAL @7 G METAL WORK @7 G
PMT0030	SHEET METAL HLP Sheet Metal Helper		/Y	VO	3.0
PMT0032	SHEET METAL FAB Sheet Metal Fabricator		/Y	VO	1.5
J360200	SHEET MTL FAB TECH 2 Sheet Metal Fabrication Technology 2	30, 31	/		SHEETMETAL @7 G METAL WORK @7 G
PMT0033	ARCHITECTURAL FAB Architectural Fabricator		/Y	VO	1.5
PMT0034	COMM KITCHEN FAB Commercial Kitchen Fabricator		/Y	VO	1.5
PMT0035	SHEET METAL WELDER Sheet Metal Welder		/Y	VO	1.5

## MAINTENANCE, INSTALLATION &amp; REPAIR CAREER PATH (MNPC)

8754500	APPLIED WELDING TECH Applied Welding Technologies	9-12, 30, 31	/			WELDING @7 G METAL WORK @7 G
8754510	WELDING TECH 1 Welding Technologies 1/Level 2		/Y	VO	1.0	
8754520	WELDING TECH 2 Welding Technologies 2/Level 2		/Y	VO	1.0	
8754530	WELDING TECH 3 Welding Technologies 3/Level 2		/Y	VO	1.0	
8754540	WELDING TECH 4 Welding Technologies 4/Level 2		/Y	VO	1.0	
8754550	WELDING TECH 5 Welding Technologies 5/Level 2		/Y	VO	1.0	
8754560	WELDING TECH 6 Welding Technologies 6/Level 2		/Y	VO	1.0	
8754570	WELDING TECH 7 Welding Technologies 7/Level 2		/Y	VO	1.0	
8754580	WELDING TECH 8 Welding Technologies 8/Level 2		/Y	VO	1.0	
I480500	APPLIED WELDING TECH Applied Welding Technologies	30, 31	/			WELDING @7 G METAL WORK @7 G
PMT0011	WELDER HELPER Welder Helper		/Y	VO	1.5	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
PMT0012	WELDER, SHIELDED METAL ARC Welder, Shielded Metal Arc		/Y	VO	2.0
PMT0013	WELDER, GAS-METAL ARC Welder, Gas-Metal Arc		/Y	VO	1.0
PMT0014	WELDER, FLUX CORED ARC Welder, Flux Cored Arc		/Y	VO	0.5
PMT0015	WELDER, GAS-TUNGSTEN ARC Welder, Gas-Tungsten Arc		/Y	VO	1.0
PMT0016	WELDER, PIPE Welder, Pipe		/Y	VO	2.0
I48054R	APLD WELD TECH -APPR Applied Welding Technologies - Apprenticeship	30, 31	/		
8775500	AUTO UPH & TRIM Automotive Upholstery and Trim	9-12, 30, 31	/		AUTO UPH @7 G
8775010	UPH & FURN REF 1 Upholstery and Furniture Refinishing 1/Level 2		/Y	VO	1.0
8775020	UPH & FURN REF 2 Upholstery and Furniture Refinishing 2/Level 2		/Y	VO	1.0
8775503	AUTO UPHOLSTERY 3 Automobile Upholstery 3/Level 2		/Y	VO	1.0
8775504	AUTO UPHOLSTERY 4 Automobile Upholstery 4/Level 2		/Y	VO	1.0
8775505	AUTO UPHOLSTERY 5 Automobile Upholstery 5/Level 2		/Y	VO	1.0
8775506	AUTO UPHOLSTERY 6 Automobile Upholstery 6/Level 2		/Y	VO	1.0
8775507	AUTO UPHOLSTERY 7 Automobile Upholstery 7/Level 2		/Y	VO	1.0
8775508	AUTO UPHOLSTERY 8 Automobile Upholstery 8/Level 2		/Y	VO	1.0
8775509	AUTO UPHOLSTERY 9 Automobile Upholstery 9/Level 2		/Y	VO	1.0
8775510	AUTO UPHOLSTERY 10 Automobile Upholstery 10/Level 2		/Y	VO	1.0
8775511	AUTO UPHOLSTERY 11 Automobile Upholstery 11/Level 2		/Y	VO	1.0
I480313	AUTO UPH & TRIM Automotive Upholstery and Trim	30, 31	/		AUTO UPH @7 G
HEV0001	UPHOL HELPER Upholstery Helper		/Y	VO	2.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
HEV0441	AUTO SEAT COVER INST Automobile Seat Cover Installer	/Y	VO		2.5
HEV0444	AUTO HEAD/DR PANEL 1 Automobile Headliner/Door Panel Ins taller 1	/Y	VO		2.0
HEV0445	AUTO HEAD/DR PANEL 2 Automobile Headliner/Door Panel Ins taller 2	/Y	VO		2.0
HEV0446	AUTO CARPET INSTALL Automotive Carpet Installer	/Y	VO		0.5
HEV0447	CONV & VINYL TOP INS Convertible and Vinyl Top Installer /Automotive Upholsterer	/Y	VO		2.0
<sup>a</sup> I150401	BIOMED EQ TECH Biomedical Equipment Technology	30, 31	/		
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO		2.5
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO		3.0
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1	/Y	VO		2.0
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2	/Y	VO		2.0
<sup>a</sup> J410100	BIOMED EQ TECH 1 Biomedical Equipment Technology 1	30, 31	/		
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO		2.5
<sup>a</sup> J410200	BIOMED EQ TECH 2 Biomedical Equipment Technology 2	30, 31	/		
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO		3.0
EEV0480	ELECMED &BIOMED RPR1 Electromedical and Biomedical Repairer 1	/Y	VO		2.0
EEV0481	ELECMED &BIOMED RPR2 Electromedical and Biomedical Repairer 2	/Y	VO		2.0



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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUI REMENTS		
8751300	BOAT&YCT RPR/REF TEC Boat and Yacht Repair/Refinishing Technology	9-12, 30, 31 /			SEAMANSHIP @7 G      CARPENTRY @7 G
8751310	BOAT & YCT R/R TEC 1 Boat and Yacht Repair/Refinishing Technology 1/Level 2	/Y	VO	1.0	
8751320	BOAT & YCT R/R TEC 2 Boat and Yacht Repair/Refinishing Technology 2/Level 2	/Y	VO	1.0	
8751330	BOAT & YCT R/R TEC 3 Boat and Yacht Repair/Refinishing Technology 3/Level 2	/Y	VO	1.0	
8751340	BOAT & YCT R/R TEC 4 Boat and Yacht Repair/Refinishing Technology 4/Level 2	/Y	VO	1.0	
8751350	BOAT & YCT R/R TEC 5 Boat and Yacht Repair/Refinishing Technology 5/Level 2	/Y	VO	1.0	
8751360	BOAT & YCT R/R TEC 6 Boat and Yacht Repair/Refinishing Technology 6/Level 2	/Y	VO	1.0	
8751370	BOAT & YCT R/R TEC 7 Boat and Yacht Repair/Refinishing Technology 7/Level 2	/Y	VO	1.0	
8751380	BOAT & YCT R/R TEC 8 Boat and Yacht Repair/Refinishing Technology 8/Level 2	/Y	VO	1.0	
8751390	BOAT & YCT R/R TEC 9 Boat and Yacht Repair/Refinishing Technology 9/Level 2	/Y	VO	1.0	
I490316	BOAT & YCT RPR TECH Boat and Yacht Repair/Refinishing Technology	30, 31 /			SEAMANSHIP @7 G      CARPENTRY @7 G
MTE0360	HLP BOAT RPR/REF Helper, Boat Repairer/Refinishing	/Y	VO	2.0	
MTE0361	BOAT REF TECH Boat Refinishing Technician	/Y	VO	2.0	
MTE0376	BOAT REPAIRER 1 Boat Repairer 1	/Y	VO	3.0	
MTE0377	BOAT REPAIRER 2 Boat Repairer 2	/Y	VO	2.0	
J430100	BOAT& YCT RPR TECH 1 Boat and Yacht Repair/Refinishing Technology 1	30, 31 /Y			SEAMANSHIP @7 G      CARPENTRY @7 G

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			GRADUATION REQUI REMENTS		
MTE0360	HLP BOAT RPR/REF Hel per, Boat Repai rer/Refi ni shi ng		/Y	VO	2.0
MTE0361	BOAT REF TECH Boat Refi ni shi ng Techni ci an		/Y	VO	2.0
J430200	BOAT& YCT RPR TECH 2 Boat and Yacht Repai r/Refi ni shi ng Technol ogy 2	30, 31	/		SEAMANSHIP @7 G CARPENTRY @7 G
MTE0376	BOAT REPAIRER 1 Boat Repai rer 1		/Y	VO	3.0
MTE0377	BOAT REPAIRER 2 Boat Repai rer 2		/Y	VO	2.0
I470408	CLK/WATCH MAK & RPR Cl ock/Watc h Maki ng and Repai r	30, 31	/		INSTUMENT @7 G WATCH REPR @7 G
PMT0650	CLK, WATCH & JEWEL TE Cl ock, Watc h and Jewel ry Techni ci an Assi stant		/Y	PA	3.0
PMT0652	CLK & WATCH RPR TECH Cl ock and Watc h Repai r Techni ci an		/Y	VO	2.0
PMT0653	QUARTZ ANALOG TECH Quartz Anal og Techni ci an		/Y	VO	2.0
PMT0654	CLK & WATCH MAKER Cl ock and Watc h Maker		/Y	VO	2.0
8730100	CONS ELECT PROD SER Consumer El ectroni c Product Servi ci ng	9-12, 30, 31	/		RADIO TV @7 G TEC ELEC @7 G ELECTRONIC @7 G
8730110	CONS ELECT PROD SER1 Consumer El ectroni c Product Servi ci ng 1/Level 2		/Y	VO	1.0
8730120	CONS ELECT PROD SER2 Consumer El ectroni c Product Servi ci ng 2/Level 2		/Y	VO	1.0
8730130	CONS ELECT PROD SER3 Consumer El ectroni c Product Servi ci ng 3/Level 2		/Y	VO	1.0
8730140	CONS ELECT PROD SER4 Consumer El ectroni c Product Servi ci ng 4/Level 2		/Y	VO	1.0
8730150	CONS ELECT PROD SER5 Consumer El ectroni c Product Servi ci ng 5/Level 2		/Y	VO	1.0
8730160	CONS ELECT PROD SER6 Consumer El ectroni c Product Servi ci ng 6/Level 2		/Y	VO	1.0

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION	SUBJECT AREA		
			REQUIREMENTS	GRADUATION				
8730170	CONS ELECT PROD SER7 Consumer Electronic Product Servicing 7/Level 2		/Y	VO	1.0			
8730180	CONS ELECT PROD SER8 Consumer Electronic Product Servicing 8/Level 2		/Y	VO	1.0			
8730190	CONS ELECT PROD SER9 Consumer Electronic Product Servicing 9/Level 2		/Y	VO	1.0			
8730191	CONS ELECT PRODSER10 Consumer Electronic Product Servicing 10/Level 2		/Y	VO	1.0			
8730192	CONS ELECT PRODSER11 Consumer Electronic Product Servicing 11/Level 2		/Y	VO	1.0			
8730193	CONS ELECT PRODSER12 Consumer Electronic Product Servicing 12/Level 2		/Y	VO	1.0			
<sup>a</sup> I470113	CONS ELECT PROD SERV Consumer Electronic Product Servicing	30, 31	/			TEC ELEC RADIO TV	@7 G @7 G	ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0			
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y	VO	3.0			
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	VO	2.5			
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	VO	3.0			
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist		/S	VO	0.5			
EEV0507	COMPUTER SPECIALIST Computer Specialist		/S	VO	0.5			
EER0581	AUDIO SPEC Audio Specialist		/S	VO	0.5			
EER0522	TV SATELLITE SPEC TV Satellite Specialist		/S	VO	0.5			
EER0591	SECURITY SYS SPEC Security System Specialist		/S	VO	0.5			
<sup>a</sup> J510100	CONS ELECT PROD SER1 Consumer Electronic Product Servicing 1	30, 31	/			TEC ELEC RADIO TV	@7 G @7 G	ELECTRONIC @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y	VO	2.0			

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TEC ELEC RADIO TV	@7 G @7 G
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO	3.0		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO	2.5		
ªJ510200	CONS ELECT PROD SER2 Consumer Electronic Product Servicing 2	30, 31	/		TEC ELEC RADIO TV	@7 G @7 G
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO	3.0		
EER0381	RADIO/TV/VIDEO SPEC Radio/TV/Video Specialist	/S	VO	0.5		
EEV0507	COMPUTER SPECIALIST Computer Specialist	/S	VO	0.5		
EER0581	AUDIO SPEC Audio Specialist	/S	VO	0.5		
EER0522	TV SATELLITE SPEC TV Satellite Specialist	/S	VO	0.5		
EER0591	SECURITY SYS SPEC Security System Specialist	/S	VO	0.5		
8730000	ELECTRONIC TECH Electronic Technology	9-12, 30, 31	/		TEC ELEC RADIO TV	@7 G @7 G
8730010	ELECTRONIC 1 Electronic 1/Level 2	/Y	VO	1.0		ELECTRONIC @7 G AVIONICS @7 G
8730020	ELECTRONIC 2 Electronic 2/Level 3	/Y	VO	1.0		
8730030	ELECTRONIC 3 Electronic 3/Level 3	/Y	VO	1.0		
8730040	ELECTRONIC 4 Electronic 4/Level 3	/Y	VO	1.0		
8730050	ELECTRONIC 5 Electronic 5/Level 3	/Y	VO	1.0		
8730060	ELECTRONIC 6 Electronic 6/Level 3	/Y	VO	1.0		
8730070	ELECTRONIC 7 Electronic 7/Level 3	/Y	VO	1.0		
8730080	ELECTRONIC 8 Electronic 8/Level 3	/Y	VO	1.0		
8730090	ELECTRONIC 9 Electronic 9/Level 3	/Y	VO	1.0		
8730091	ELECTRONIC 10 Electronic 10/Level 3	/Y	VO	1.0		
I150303	ELECTRONIC TECH Electronic Technology	30, 31	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @7 G

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	INDUSTRIAL
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y VO	2.0		
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y VO	3.0		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician		/Y VO	3.0		
I15030R	ELECT TECH - APPR Electronic Technology - Apprenticeship	30, 31	/			
J540100	ELECTRONIC TECH 1 Electronic Technology 1	30, 31	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler		/Y VO	2.0		
EEV0100	ELECTRONICS TESTER Electronics Tester		/Y VO	3.0		
J540200	ELECTRONIC TECH 2 Electronic Technology 2	30, 31	/		ELECTRONIC @7 G AVIONICS @7 G	TEC ELEC @7 G RADIO TV @7 G
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y VO	2.5		
EEV0616	ELECTRONICS TECH Electronics Technician		/Y VO	3.0		
J550100	GAMING MAC RPR TEC Gaming Machine Repair Technician	30, 31	/		TEC ELEC @7 G COMP SVC @7 G	ELECTRONIC @7 G SLOT MACH 7 G
EER0320	SLOT MACH ATTENDANT Slot Machine Attendant		/S VO	0.5		
EER0321	SLOT MACHINE TECH Slot Machine Technician		/Y VO	1.0		
8736000	INDUS BIOTECH Industrial Biotechnology	9-12, 30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
3027010	BIOTECH 1 AND Biotechnology 1, Level 3, AND		/Y	1.0		
3027020	BIOTECH 2 Biotechnology 2, Level 3		/Y EQ	1.0		
8736030	BIOTECH 3 Biotechnology 3, Level 3		/Y VO	1.0		
I47031R	INDUS MACH MAINT-APP Industrial Machinery Maintenance - Apprenticeship	30, 31	/			
8743100	INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	9-12, 30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MILLWRIGHT @7 G IND ENGR @7 G
8743210	MAINT SKILLS 1 Maintenance Skills 1/Level 2		/Y VO	1.0		

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION	
			GRADUATION REQUIREMENTS			
8743220	MAINT SKILLS 2 Maintenance Skills 2/Level 2	/Y	VO		1.0	
8743230	MAINT SKILLS 3 Maintenance Skills 3/Level 2	/Y	VO		1.0	
8743240	MACH MAINT 4 Machinery Maintenance 4/Level 2	/Y	VO		1.0	
8743250	MACH MAINT 5 Machinery Maintenance 5/Level 2	/Y	VO		1.0	
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2	/Y	VO		1.0	
8743170	INDUSTRIAL MAINT 7 Industrial Maintenance 7/Level 2	/Y	VO		1.0	
8743180	INDUSTRIAL MAINT 8 Industrial Maintenance 8/Level 2	/Y	VO		1.0	
8743190	INDUSTRIAL MAINT 9 Industrial Maintenance 9/Level 2	/Y	VO		1.0	
I 470303	INDUS MACH MAINT/RPR Industrial Machinery Maintenance and Repair	30, 31	/		TEC CONSTR @7 G MILLWRIGHT @7 G	BLDG CONST @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y	VO	3.0	
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y	VO	2.0	
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	VO	1.0	
ETI 0458	INDUS MAINT SPEC Industrial Maintenance Specialist		/Y	VO	3.0	
J590100	INDUS MACH MAINT 1 Industrial Machinery Maintenance 1	30, 31	/		TEC CONSTR @7 G MILLWRIGHT @7 G	BLDG CONST @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y	VO	3.0	
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y	VO	2.0	
J590200	INDUS MACH MAINT 2 Industrial Machinery Maintenance 2	30, 31	/		TEC CONSTR @7 G MILLWRIGHT @7 G	BLDG CONST @7 G IND ENGR @7 G
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y	VO	1.0	
ETI 0458	INDUS MAINT SPEC Industrial Maintenance Specialist		/Y	VO	3.0	
8745500	JEWEL MAK & RPR Jewelry Making and Repair	9-12, 30, 31	/		METAL WORK @7 G	JWLY MFGR @7 G

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8745501	CLK/WCH/JEWLM&RPR1 Clock, Watch, Jewelry Making and Repair Core 1/Level 2		/Y	PA	1.0
8745502	CLK/WCH/JEWLM&RPR2 Clock, Watch, Jewelry Making and Repair Core 2/Level 2		/Y	PA	1.0
8745503	CLK/WCH/JEWLM&RPR3 Clock, Watch, Jewelry Making and Repair Core 3/Level 2		/Y	PA	1.0
8745504	JEWL MAK & RPR 4 Jewelry Making and Repair 4/Level 2		/Y	PA	1.0
8745505	JEWL MAK & RPR 5 Jewelry Making and Repair 5/Level 2		/Y	PA	1.0
8745506	JEWL MAK & RPR 6 Jewelry Making and Repair 6/Level 2		/Y	PA	1.0
8745507	JEWL MAK & RPR 7 Jewelry Making and Repair 7/Level 2		/Y	PA	1.0
8745508	JEWL MAK & RPR 8 Jewelry Making and Repair 8/Level 2		/Y	PA	1.0
8745509	JEWL MAK & RPR 9 Jewelry Making and Repair 9/Level 2		/Y	PA	1.0
8745510	JEWL MAK & RPR 10 Jewelry Making and Repair 10/Level 2		/Y	PA	1.0
8745511	JEWL MAK & RPR 11 Jewelry Making and Repair 11/Level 2		/Y	PA	1.0
I480602	JEWELRY MAKING & RPR Jewelry Making and Repair	30, 31	/		METAL WORK @7 G      JWLY MFGR @7 G
PMT0650	CLK, WATCH & JEWL TE Clock, Watch and Jewelry Technician Assistant		/Y	PA	3.0
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	PA	3.0
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	PA	1.0
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	PA	2.0
PMT0632	STONE SETTER Stone Setter		/Y	PA	1.0
PMT0645	CERTIFIED JEWELER Certified Jeweler		/Y	PA	1.0
J450400	JEWL MAKING & RPR1 Jewelry Making and Repair 1	30, 31	/		METAL WORK @7 G      JWLY MFGR @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
PMT0650	CLK, WATCH & JEWELTE Clock, Watch and Jewelry Technician Assistant		/Y	PA	3.0
PMT0630	JEWELRY DESIGNER Jewelry Designer		/Y	PA	3.0
J450500	JEWEL MAKING & RPR 2 Jewelry Making and Repair 2	30, 31	/		METAL WORK @7 G      JWLY MFGR @7 G
PMT0640	WAX MODELER/CASTING Wax Modeler/Casting		/Y	PA	1.0
PMT0641	JEWELRY REPAIRER Jewelry Repairer		/Y	PA	2.0
PMT0632	STONE SETTER Stone Setter		/Y	PA	1.0
PMT0645	CERTIFIED JEWELER Certified Jeweler		/Y	PA	1.0
I470106	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	30, 31	/		GAS FITTER @7 G      APPLI REPR @7 G
EER0310	APPLIANCE HELPER Appliance Helper		/Y	VO	2.0
EER0315	LAUNDRY TECH Laundry Technician		/Y	VO	2.0
EER0317	KITCHEN TECH Kitchen Technician		/Y	VO	3.0
ACR0046	REFG TECH Refrigeration Technician		/Y	VO	3.0
8706000	MAJ APP & REFG RPR Major Appliance and Refrigeration Repair	9-12, 30, 31	/		GAS FITTER @7 G      APPLI REPR @7 G
8706010	RES APP & REFG RPR 1 Residential Appliance and Refrigeration Repair 1/Level 2		/Y	VO	1.0
8706020	RES APP & REFG RPR 2 Residential Appliance and Refrigeration Repair 2/Level 2		/Y	VO	1.0
8706030	RES APP & REFG RPR 3 Residential Appliance and Refrigeration Repair 3/Level 2		/Y	VO	1.0
8706040	RES APP & REFG RPR 4 Residential Appliance and Refrigeration Repair 4/Level 2		/Y	VO	1.0
8706050	RES APP & REFG RPR 5 Residential Appliance and Refrigeration Repair 5/Level 2		/Y	VO	1.0



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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDI T/CERTI FICATION
			GRADUATION REQUIREMENTS		
8706060	RES APP & REFF RPR 6 Residential Appliance and Refrigeration Repair 6/Level 2		/Y	VO	1.0
8706070	MAJ APP & REFF RPR 7 Major Appliance and Refri gerati on Repair 7/Level 2		/Y	VO	1.0
8706080	MAJ APP & REFF RPR 8 Major Appliance and Refri gerati on Repair 8/Level 2		/Y	VO	1.0
8706090	MAJ APP & REFF RPR 9 Major Appliance and Refri gerati on Repair 9/Level 2		/Y	VO	1.0
8706100	MAJ APP & REFR RPR10 Major Appliance and Refri gerati on Repair 10/Level 2		/Y	VO	1.0
I47010R	MAJ APP&REFG RPR APP Major Appliance and Refri gerati on Repair - Apprenti ceshi p	30, 31	/		
J620100	MAJ APP & REFG RPR 1 Major Appliance and Refri gerati on Repair 1	30, 31	/		GAS FITTER @7 G APPLI REPR @7 G
EER0310	APPLI ANCE HELPER Appl iance Hel per		/Y	VO	2.0
EER0315	LAUNDRY TECH Laundry Techni ci an		/Y	VO	2.0
J620200	MAJ APP & REFG RPR 2 Major Appliance and Refri gerati on Repair 2	30, 31	/		GAS FITTER @7 G APPLI REPR @7 G
EER0317	KI TCHEN TECH Ki tchen Techni ci an		/Y	VO	3.0
ACR0046	REFG TECH Refri gerati on Techni ci an		/Y	VO	3.0
8743200	MILLWRIGHT Mi llwri ght	9-12, 30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G
8743210	MAINT SKILLS 1 Mai ntenance Ski lls 1/Level 2		/Y	VO	1.0
8743220	MAINT SKILLS 2 Mai ntenance Ski lls 2/Level 2		/Y	VO	1.0
8743230	MAINT SKILLS 3 Mai ntenance Ski lls 3/Level 2		/Y	VO	1.0
8743240	MACH MAINT 4 Machi nery Mai ntenance 4/Level 2		/Y	VO	1.0
8743250	MACH MAINT 5 Machi nery Mai ntenance 5/Level 2		/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION		
8743260	MACH MAINT 6 Machinery Maintenance 6/Level 2		/Y VO	1.0		
8743270	MI LLWRI GHT 7 Millwright 7/Level 2		/Y VO	1.0		
8743280	MI LLWRI GHT 8 Millwright 8/Level 2		/Y VO	1.0		
8743290	MI LLWRI GHT 9 Millwright 9/Level 2		/Y VO	1.0		
I 470313	MI LLWRI GHT Millwright	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y VO	3.0		
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y VO	2.0		
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y VO	1.0		
ETI 0459	MI LLWRI GHT Millwright		/Y VO	3.0		
I 47032R	MI LLWRI GHT - APPR Millwright - Apprenticeship	30, 31	/			
J590400	MI LLWRI GHT 1 Millwright 1	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0450	INDUS MACH MAINT AST Industrial Machinery Maintenance Assistant		/Y VO	3.0		
ETI 0456	MACH MAINT MECH Machinery Maintenance Mechanic		/Y VO	2.0		
J590500	MI LLWRI GHT 2 Millwright 2	30, 31	/		TEC CONSTR @7 G BLDG CONST @7 G	MI LLWRI GHT @7 G IND ENGR @7 G
ETI 0457	MACH MAIN TECH Machinery Maintenance Technician		/Y VO	1.0		
ETI 0459	MI LLWRI GHT Millwright		/Y VO	3.0		
I 47020R	REFG TECH - APPR Refrigeration Technology - Apprenticeship	30, 31	/			
I 469929	REL INDUS TECH Related Industrial Technology	30, 31	/		ANY INDUS ED G	
ETI 0085	ENGI NEERI NG TECH Engineering Technician		/Y VO	3.0		
8775000	UPH & FURN REF Upholstery and Furniture Refinishing	9-12, 30, 31	/		FURN REPR @7 G	

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8775010	UPH & FURN REF 1 Uphol stery and Furni ture Refi ni shi ng 1/Level 2		/Y	VO	1.0
8775020	UPH & FURN REF 2 Uphol stery and Furni ture Refi ni shi ng 2/Level 2		/Y	VO	1.0
8775030	UPH & FURN REF 3 Uphol stery and Furni ture Refi ni shi ng 3/Level 2		/Y	VO	1.0
8775040	UPH & FURN REF 4 Uphol stery and Furni ture Refi ni shi ng 4/Leevl 2		/Y	VO	1.0
8775050	UPH & FURN REF 5 Uphol stery and Furni ture Refi ni shi ng 5/Level 2		/Y	VO	1.0
8775060	UPH & FURN REF 6 Uphol stery and Furni ture Refi ni shi ng 6/Level 2		/Y	VO	1.0
8775070	UPHOLSTERY 7 Uphol stery 7/Level 2		/Y	VO	1.0
8775080	UPHOLSTERY 8 Uphol stery 8/Level 2		/Y	VO	1.0
8775090	UPHOLSTERY 9 Uphol stery 9/Level 2		/Y	VO	1.0
8775091	UPHOLSTERY 10 Uphol stery 10/Level 2		/Y	VO	1.0
8775092	UPHOLSTERY 11 Uphol stery 11/Level 2		/Y	VO	1.0
I 480303	UPH & FURN REF Uphol stery and Furni ture Refi ni shi ng	30, 31	/		FURN REPR @7 G
HEV0001	UPHOL HELPER Uphol stery Hel per		/Y	VO	2.0
HEV0420	SEW MACH OP, NONGARM Sewi ng Machi ne Operator, Nongarment		/Y	VO	3.0
HEV0244	LAYOUT MACHI NE OP Layout Machi ne Operator		/Y	VO	2.0
HEV0430	UPH ASSEMB/FAB Uphol stery Assembl er/Fabri cator		/Y	VO	2.0
HEV0432	UPHOLSTERER Uphol sterer		/Y	VO	2.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
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HEALTH, SAFETY & ENVIRONMENTAL ASSURANCE CAREER PATH (MNPf)

8700300	PRAC, TECH&INDUS OCCS Practical, Technical and Industrial Occupations	9-12, 30, 31 /		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8700310	PRAC APPLIANCE SER Practical Appliance Service	/Y	VO	1.0
8700320	PRAC ENGINE MECH Practical Engine Mechanics	/Y	VO	1.0
8700330	PRAC CONST TRADES Practical Construction Trades	/Y	VO	1.0
8700340	PRAC ELEC/ELECT Practical Electrical /Electronics	/Y	VO	1.0
8700350	PRAC METAL WORK Practical Metal Work	/Y	VO	1.0
8700360	PRAC CMCL FOODS Practical Commercial Foods	/Y	VO	1.0
8700370	PRAC GRAPHIC ARTS Practical Graphic Arts	/Y	VO	1.0
8700380	PRAC DRAFTING Practical Drafting	/Y	PA	1.0
8700390	PRAC AV CAREERS Practical Aviation Careers	/Y	VO	1.0

SUPPLEMENTAL PROGRAMS

8002000	TECH SYSS & APPL Technical Systems and Applications	9-12, 30, 31 /Y	VO	1.0 ANY VOCATIONAL FIELD OR COVERAGE
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MARKETING, SALES & SERVICES CAREER CLUSTER

MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA)

M618020	BUSINESS OWNERSHIP Business Ownership	30, 31 /		RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G	DIST ED @7 WHOLESALE @7 G MKTG 1
MKA0092	(BUS OWNER) GEN MGR (Business Owner) General Manager	/Y	PA	1.0	

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDI T/CERTI FICATION	CAREER CLUSTER		CAREER CLUSTER	
					TECHNICAL	PROFESSIONAL	TECHNICAL	PROFESSIONAL
8812000	BUSI NESS OWNERSHI P Busi ness Ownershi p/Level 3	9-12, 30, 31 /Y	PA	1.0	RETAI LING @7 G		DI ST ED @7	
					TEACH CDE @7		WHOLESA L @7	G
					MKTG MGMT @7 G		MKTG 1	
8812100	ENTREPRENEURSHI P Entrepreneurshi p	9-12, 30, 31 /			DI ST ED @7		TEACH CDE @7	
					BUS ED 1		MKTG 1	
					VOE @7		TEACH CBE @7	
					RETAI LING @7 G		MKTG MGMT @7	G
					WHOLESA L @7 G			
8812110	PRIN OF ENTREP Pri nci ples of Entrepreneurshi p/Level 2		/Y PA	1.0				
8812120	BUS MGMT & LAW Busi ness Management and Law/Level 3		/Y VO	1.0				
8812000	BUSI NESS OWNERSHI P Busi ness Ownershi p/Level 3		/Y PA	1.0				
M803010	ENTREPRENEURSHI P Entrepreneurshi p	30, 31 /			RETAI LING @7 G		DI ST ED @7	
					MKTG MGMT @7 G		TEACH CDE @7	
					WHOLESA L @7 G		MKTG 1	
					VOE @7		BUS ED 1	
					TEACH CBE @7			
MKA0090	BUSI NESS DEV MGR Busi ness Devel opment Manager		/Y PA	2.0				
MKA0091	(ENT) GEN MANAGER (Entrepreneur) General Manager		/Y VO	1.0				

PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB)

M200200	CERT RESIDENTIAL APP Certi fi ed Resi denti al Apprai ser	30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE			
REE0185	REAL EST CERT RES AP Real Estate Certi fi ed Resi denti al Apprai ser		/S VO	0.5				
8827200	E-COMMERCE MKTG E-Commerce Marketi ng	9-12, 30, 31 /			TEACH CDE @7		DI ST ED @7	
					MKTG 1		RETAI LING @7	G
					MKTG MGMT @7 G		BUS ED 1 @2	
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2		/Y PA	1.0				
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2		/Y PA	1.0				
8827210	E-COMMERCE MKT E-Commerce Marketi ng/Level 2		/Y VO	1.0				
M899992	E-COMMERCE MKT E-Commerce Marketi ng	30, 31 /			RETAI LING @7 G		TEACH CDE @7	
					DI ST ED @7		MKTG 1	
					MKTG MGMT @7 G		BUS ED 1 @2	

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					TECHNICAL	EDUCATION
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y PA	2.0		
MKA0455	(E-COMM) CPT SPEC (E-Commerce) Computer Specialist		/Y VO	1.0		
8806000	FASHION MARKETING Fashion Marketing	9-12, 30, 31	/		RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1
8806010	FASH ESSENTIALS Fashion Essentials/Level 2		/Y PA	1.0		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y PA	1.0		
8806020	FASHION APPL Fashion Applications/Level 2		/Y PA	1.0		
8827120	MKT APPLICATIONS Marketing Applications/Level 2		/Y PA	1.0		
8806030	FASH MKT MGMT Fashion Marketing Management/Level 3		/Y PA	1.0		
M801020	FASHION MARKETING Fashion Marketing	30, 31	/		RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G	DIST ED @7 MKTG 1
MKA0432	SALESPERSON, RETAIL Salesperson, Retail		/Y PA	2.0		
MKA0433	RETAIL MANAGER Retail Manager		/Y PA	1.0		
M200300	HOME INSPECTOR Home Inspector	30, 31	/		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
REE0015	PRIN OF HOME INSPECT Principles of Home Inspection		/S VO	0.5		
<sup>a</sup> 8839100	INTERNATIONAL MKT International Marketing	9-12, 30, 31	/		RETAILING @7 G TEACH CDE @7 MKTG 1	DIST ED @7 WHOLESALE @7 G MKTG MGMT @7 G
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2		/Y PA	1.0		
8839110	INTL MKT 1 International Marketing 1/Level 2		/Y VO	1.0		
8839120	INTL MKT 2 International Marketing 2/Level 2		/Y VO	1.0		
8839130	INTL MKT 3 International Marketing 3/Level 3		/Y VO	1.0		
<sup>a</sup> M807030	INTERNATIONAL MKT International Marketing	30, 31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION					
MKA0096	(IMP/EXP) BILL CLERK (Import/Export) Billing Clerk	/Y	VO	2.0					
MKA0097	(IMP/EXP) DOC CLERK (Import/Export) Documentation Clerk	/Y	VO	1.0					
MKA0098	(IMP/EXP) SALES MGR (Import/Export) Sales Manager	/Y	VO	1.0					
8827100	MKT Marketing	9-12, 30, 31 /			TEACH CDE @7 MKTG 1 MKTG MGMT @7 G		DIST ED @7 RETAILING @7 G ADVR PROM @7 G		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0					
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0					
8827130	MKT MANAGEMENT Marketing Management/Level 2	/Y	PA	1.0					
M899991	MARKETING Marketing	30, 31 /			RETAILING @7 G DIST ED @7 MKTG MGMT @7 G		TEACH CDE @7 MKTG 1 ADVR PROM @7 G		
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0					
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO	2.0					
9303100	NON-PROFIT MKT Non-Profit Marketing	9-12, 30, 31 /			TEACH CDE @7 MKTG 1 MKTG MGMT @7 G		DIST ED @7 RETAILING @7 G ADVR PROM @7 G		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0					
8827120	MKT APPLICATIONS Marketing Applications/Level 2	/Y	PA	1.0					
9303110	NON-PROFIT MKT MGMT Non-Profit Marketing Management	/Y	VO	1.0					
2M200400	NON-PROFIT MKT Non-Profit Marketing	30, 31 /			RETAILING @7 G DIST ED @7 MKTG MGMT @7 G		TEACH CDE @7 MKTG 1 ADVR PROM @7 G		
MKA0432	SALESPERSON, RETAIL Salesperson, Retail	/Y	PA	2.0					
MKA0510	PUBLIC REL MGRS Public Relations Managers	/Y	VO	2.0					
M807040	REAL EST APPRA TRAIN Real Estate Appraiser Trainee	30, 31 /			REAL ESTAT @7 G				
REE0049	REAL EST APPRAISER Real Estate Appraiser (Trainee)	/S	VO	0.5	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE				
M807020	REAL ESTA BRKR Real Estate Broker	30, 31 /			REAL ESTAT @7 G				

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					TECHNICAL	INDUSTRIAL
REE0048	REAL ESTATE BROKER Real Estate Broker	/Y	VO	0.0		
M807010	REAL ESTA SLS AGT Real Estate Sales Agent	30, 31	/		REAL ESTAT @7	G
REE0047	REAL ESTATE SALES AG Real Estate Sales Agent	/Y	VO	0.0		
M200100	REAL EST SLS ASSC PL Real Estate Sales Associate Post Li censi ng	30, 31	/		REAL ESTAT @7	G SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
REE0089	REAL EST SALES ASSC Real Estate Sales Associate Post Li censi ng	/Y	VO	0.0		
<sup>a</sup> 8824100	RESTAURANT MKT Restaurant Marketing	9-12, 30, 31	/		RETAILING @7 TEACH CDE @7 MKTG 1	G DIST ED @7 RESTAURANT @7 MKTG MGMT @7 G
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2	/Y	PA	1.0		
8824110	REST MKT OPS Restaurant Marketing Operations/ Level 2	/Y	VO	1.0		
<sup>a</sup> M809050	RESTAURANT MKTG Restaurant Marketing	30, 31	/		RETAILING @7 TEACH CDE @7 MKTG 1	G DIST ED @7 RESTAURANT @7 MKTG MGMT @7 G
MKA0432	SALESPERSON, RETAIL Sal esperson, Retail	/Y	PA	2.0		
FSS0600	FOOD SERVICE SUPR Food Servi ce Supervi sor	/Y	VO	1.0		
<sup>a</sup> 8821100	RETAIL FOOD MKT Retail Food Marketi ng	9-12, 30, 31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G DIST ED @7 MKTG 1
8827110	MARKETING ESSENTIALS Marketi ng Essenti als/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS Marketi ng Appli cations/Level 2	/Y	PA	1.0		
8821110	RETAIL FOOD MKT Retail Food Marketi ng/Level 2	/Y	VO	1.0		
<sup>a</sup> M806010	RETAIL FOOD MKT Retail Food Marketi ng	30, 31	/		RETAILING @7 TEACH CDE @7 MKTG MGMT @7	G DIST ED @7 MKTG 1
MKA0432	SALESPERSON, RETAIL Sal esperson, Retail	/Y	PA	2.0		



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					TEACH CDE	DIST ED
MKA0433	RETAIL MANAGER Retail Manager	/Y	PA	1.0		
8827400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	9-12, 30, 31 /			MKTG @7 MKTG MGMT @7 G	DIST ED @7 RETAILING @7 G ADVR PROM @7 G
8827410	SPORT REC ENT ESSEN Sport, Recreation, and Entertainment Essentials/Level 2	/Y	VO	1.0		
8827110	MARKETING ESSENTIALS Marketing Essentials/Level 2	/Y	PA	1.0		
8827420	SPORT REC ENT APPL Sport, Recreation, and Entertainment Applications/Level 2	/Y	PA	1.0		
8827120	MKT APPLI CATIONS Marketing Applications/Level 2	/Y	PA	1.0		
8827430	SPRT REC ENT MKT MGM Sport, Recreation, and Entertainment Marketing Management/Level 3	/Y	VO	1.0		
8827440	SPRT REC ENT INTERN Sport, Recreation and Entertainment Internship/ Level 2 OR	/M	VO	1.0		
8800410	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2	/M	VO	MULTIPLE		
M899400	SPRT REC ENT MKT Sport, Recreation, and Entertainment Marketing	30, 31 /			RETAILING @7 G DIST ED @7 MKTG MGMT @7 G	TEACH CDE @7 MKTG 1 ADVR PROM @7 G
MKA0080	ENTERTAIN, SPTS & RE Entertainment, Sports and Related Workers	/Y	VO	2.0		
MKA0010	MARKETING MANAGERS Marketing Managers	/Y	VO	2.0		

MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE)

8848100	CUSTOMER SERV REPR Customer Service Representative	9-12, 30, 31 /Y	VO		RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 INSURANCE @7 G TRANSPORT @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 BANK FINC @7 G TRANSPORT @4 WHOLESALE @7 G
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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	CAREER CLUSTER	
					TECHNICAL	CAREER
8848110	CUST SER REP 1 Customer Service Representative 1/ Level 2		/Y VO	1.0		
8848120	CUST SER REP 2 Customer Service Representative 2/ Level 2		/Y VO	1.0		
8848130	CUST SER REP 3 Customer Service Representative 3/ Level 2		/Y VO	1.0		
8848140	CUST SER REP 4 Customer Service Representative 4/ Level 2		/Y VO	1.0		
M807060	CUSTOMER SERV REPR Customer Service Representative	30, 31	/		RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Telecommunications Clerk		/Y VO	1.0		
MNA0136	TELESALES REP Telesales Representative		/Y VO	1.0		
MNA0084	CUST SER REP Customer Service Representative		/Y VO	1.0		
MNA0085	CUST SER MANAGER Customer Service Manager		/Y VO	1.0		
M600100	CUSTOMER SERV REPR 1 Customer Service Representative 1	30, 31	/		RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0135	TELECOMM CLERK Telecommunications Clerk		/Y VO	1.0		
MNA0136	TELESALES REP Telesales Representative		/Y VO	1.0		
M600200	CUSTOMER SERV REPR 2 Customer Service Representative 2	30, 31	/		RETAILING @7 G ADVR PROM @7 G MKTG MGMT @7 G DIST ED @7 TRANSPORT @4 WHOLESALE @7 G	TEACH CDE @7 HOTEL TRNG @7 G MKTG 1 INSURANCE @7 G TRANSPORT @7 G BANK FINC @7 G
MNA0084	CUST SER REP Customer Service Representative		/Y VO	1.0		

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			GRADUATION REQUIREMENTS				
MNA0085	CUST SER MANAGER Customer Service Manager		/Y	VO	1.0		
M807068	CUST SERV TECH-ATD Customer Service Technology-ATD	30, 31	/				
MNA0087	TELEPHONE SER REP Telephone Service Representative		/Y	VO	2.0		
MNA0089	CUST SERVICE REP-ATD Customer Service Representative-ATD		/Y	VO	1.0		
DI STRI BUTI ON & LOGI STI CS CAREER PATH (MKPF)							
M812040	IND DIST & MGMT Industrial Distribution and Management	30, 31	/			RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @7 G
MNA0088	CUST SERVICE SPEC Customer Service Specialist		/Y	VO	1.5		
MKA0631	BILLING CLERK Billing Clerk		/Y	VO	1.5		
MKA0632	STOCK CLERK Stock Clerk		/Y	VO	1.0		
MKA0633	SALES REP, W&MANF Sales Representatives, Wholesale and Manufacturing		/Y	VO	1.5		
8809100	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	9-12, 30, 31	/			RETAILING @7 G TEACH CDE @7 MKTG MGMT @7 G	MKTG 1 WHOLESALE @7 G DIST ED @7
8809108	RETAIL ESSEN Retail Essentials/Level 2		/Y	VO	1.0		
8809101	DELIVERY OPS Delivery Operations/Level 2		/S	VO	0.5		
8809102	WAREHOUSING OPS Warehousing Operations/Level 2		/Y	VO	1.0		
8809103	BILL OPS Billing Operations/Level 2		/S	VO	0.5		
8809104	PARTS ACCT OPS Parts Accounting Operations/Level 2		/Y	VO	1.0		
8809107	CATALOGING OPS Cataloging Operations/Level 2		/S	VO	0.5		
8809109	PARTS SPEC 1 Parts Specialist 1/Level 2		/S	VO	0.5		
8809110	PARTS SPEC 2 Parts Specialist 2/Level 2		/Y	VO	1.0		

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					TECHNICAL	INDUSTRIAL
8809111	PARTS SPEC 3 Parts Specialist 3/Level 2	/Y	VO	1.0		
8809105	INV CON OPS Inventory Control Operations/Level 2	/S	VO	0.5		
8809106	PURCHASING OPS Purchasing Operations/Level 2	/S	VO	0.5		
8809112	MKT MANAGEMENT OPS Marketing Management Operations/ Level 2	/Y	VO	1.0		
M812031	MKT MCH & PARTS OPS Marketing, Merchandising & Parts Operations	30, 31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0640	SALES REPRESENTATIVE Sales Representative	/Y	VO	1.0		
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers	/S	VO	0.5		
MKA0642	WAREHOUSEMAN Warehouseman	/Y	VO	1.0		
MKA0643	BILL, COST&RATE CLERK Billing, Cost and Rate Clerk	/S	VO	0.5		
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk	/Y	VO	1.0		
MKA0645	ORDER CLERK Order Clerk	/S	VO	0.5		
MKA0646	PARTS SPECIALIST Parts Specialist	/Y	VO	2.5		
MKA0647	STOCKROOM CLERK Stockroom Clerk	/S	VO	0.5		
MKA0648	PURCHASING AGENT Purchasing Agent	/S	VO	0.5		
MKA0649	DISTRIBUTION MANAGER Distribution Manager	/Y	VO	1.0		
M700100	MKT MCH & PARTS OPS1 Marketing, Merchandising & Parts Operations 1	30, 31	/		RETAILING @7 G TEACH CDE @7 WHOLESALE @7 G	DIST ED @7 MKTG 1 MKTG MGMT @7 G
MKA0640	SALES REPRESENTATIVE Sales Representative	/Y	VO	1.0		
MKA0643	BILL, COST&RATE CLERK Billing, Cost and Rate Clerk	/S	VO	0.5		
MKA0644	PARTS ACCT CLERK Parts Accounting Clerk	/Y	VO	1.0		
MKA0647	STOCKROOM CLERK Stockroom Clerk	/S	VO	0.5		

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					RETAILING	TEACH CDE	WHOLESALE	TEACH CDE
MKA0648	PURCHASING AGENT Purchasing Agent		/S VO	0.5				
MKA0649	DISTRIBUTION MANAGER Distribution Manager		/Y VO	1.0				
M700200	MKT MCH & PARTS OPS2 Marketing, Merchandising & Parts Operations 2	30, 31	/		RETAILING	@7 G	DI ST ED	@7
					TEACH CDE	@7	MKTG	1
					WHOLESALE	@7 G	MKTG MGMT	@7 G
MKA0641	DRIVER/SALES WKRS Driver/Sales Workers		/S VO	0.5				
MKA0642	WAREHOUSEMAN Warehouseman		/Y VO	1.0				
MKA0645	ORDER CLERK Order Clerk		/S VO	0.5				
MKA0646	PARTS SPECIALIST Parts Specialist		/Y VO	2.5				

SUPPLEMENTAL PROGRAMS

8800210	EX OF MKT OCCS Exploration of Marketing Occupations	6-9, 30, 31	/S VO	0.5	BUS ED	1	TEACH CDE	@7
					DI ST ED	@7	MKTG	1
					MKTG MGMT	@7 G		
8800410	MARKETING COOP-OJT Marketing Cooperative Education- OJT /Level 2	9-12, 30, 31	/M VO	MULTIPLE	TEACH CDE	@7	DI ST ED	@7
					MKTG	1 @2		
M899990	MARKETING COOP-OJT Marketing Cooperative Education-OJT /Level 2	30, 31	/		DI ST ED	@7 G	TEACH CDE	@7
					MKTG	1 @2		
8800100	MKT ED DIR STUDY Marketing Education Directed Study	11-12, 30, 31	/M VO	MULTIPLE	ANY MARKETING ED	G		
8899990	MKT ED TRAN Marketing Education Transfer	9-12, 30, 31	/		NA			
M000000	MKT ED TRANSFER Marketing Education Transfer	30, 31	/		NA			
8800110	ORIEN TO MKT OCCS Orientation to Marketing Occupations	6-9, 30, 31	/S VO	0.5	BUS ED	1	TEACH CDE	@7
					DI ST ED	@7	MKTG	1
					MKTG MGMT	@7 G	RETAILING	@7 G
8800310	PRACTICAL ENTREP SK Practical Entrepreneurship Skills	9-12, 30, 31	/S VO	0.5	RETAILING	@7 G	TEACH CDE	@7
					DI ST ED	@7	MKTG	1
					MKTG MGMT	@7 G	WHOLESALE	@7 G

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-----   SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM) CAREER CLUSTER   -----				
ENGINEERING & TECHNOLOGY CAREER PATH (SCPA) -----				
8601900	ADV TECH APPL Advanced Technology Applications/ Level 3	9-12, 30, 31 /M	PA	3.0 SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600080	AEROSPACE TECHS Aerospace Technologies	9-12, 30, 31 /		ENG 7 G TEC ED 1 @2
8600580	AEROSPACE TECH I Aerospace Technologies I/Level 2	/Y	PA	1.0
8600680	AEROSPACE TECH II Aerospace Technologies II/Level 2	/Y	PA	1.0
8601780	AEROSPACE TECH III Aerospace Technologies III/Level 3	/Y	PA	1.0
8601000	COMM TECH Communications Technology	9-12, 30, 31 /		GRAPH ARTS @4 ENG 7 G PRINTING @7 G TEC ED 1 @2
8601010	COMM TECH I Communications Technology I/Level 2	/Y	PA	1.0
8601020	COMM TECH II Communications Technology II/Level 2	/Y	PA	1.0
8601030	COMM TECH III Communications Technology III/Level 3	/Y	PA	1.0
8600700	CONST TECH Construction Technology	9-12, 30, 31 /		CARPENTRY @7 G TEC CONSTR @7 G BLDG MAINT @7 G TEC ED 1 @2 WOODWORKIN @4 BLDG CONST @7 G ENG 7 G
8600710	CONST TECH I Construction Technology I/Level 2	/Y	VO	1.0
8600720	CONST TECH II Construction Technology II/Level 2	/Y	PA	1.0
8600730	CONST TECH III Construction Technology III/Level 3	/Y	PA	1.0
8600800	DRAFT/ILL DESIGN TEC Drafting/Illustrative Design Technology	9-12, 30, 31 /		GRAPH ARTS @4 ENG 7 G TEC ED 1 @2 DRAFTING @7 G
8600810	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology I/Level 2	/Y	PA	1.0

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					TECHNICAL	INDUSTRIAL
8600820	DRAFT/ILL DSN TECH I Drafting/Illustrative Design Technology II/Level 2	/Y	PA	1.0		
8600830	DRAFT/ILL DSN TECH II Drafting/Illustrative Design Technology III/Level 3	/Y	PA	1.0		
8600900	ELECTS TECH Electronics Technology	9-12, 30, 31 /			ELECTRONIC @7 G TEC ELEC @7 G TEC ED 1 @2	ELECTRICAL @4 @7 G ENG 7 G
8600910	ELECTS TECH I Electronics Technology I/Level 2	/Y	VO	1.0		
8600920	ELECTS TECH II Electronics Technology II/Level 2	/Y	VO	1.0		
8600930	ELECTS TECH III Electronics Technology III/Level 3	/Y	VO	1.0		
9400200	ENGINNEER BY DESIGN Engineering by Design	9-12, 30, 31 /			TEC ED 1 @2	ENG 7 G
8600120	FOUND OF TECH Foundations of Technology/Level 2	/Y	VO	1.0		
8600130	IMPACTS OF TECH Impacts of Technology/Level 2	/Y	VO	1.0		
8600140	INTRO TO DESIGN Introduction to Design/Level 2	/Y	PA	1.0		
8600150	TECH ISSUES Technological Issues/Level 2	/Y	VO	1.0		
8600160	ENGR DESIGN Engineering Design/Level 2	/Y	PA	1.0		
8607000	ENGINNEERING TECH SEC Engineering Technology - Secondary	9-12, 30, 31 /			ENG 7 G ENG TEC 7 G	TEC ED 1 @2
8600570	ENGINNEERING TECH I Engineering Technology I/Level 2	/Y	PA	1.0		
8600670	ENGINNEERING TECH II Engineering Technology II/Level 2	/Y	PA	1.0		
8601770	ENGINNEERING TECH III Engineering Technology III/Level 3	/Y	PA	1.0		
8601100	MAT & PROCS TECH Materials and Processes Technology	9-12, 30, 31 /			METALS @4 ENG 7 G CAB WOODWK @7 G	WOODWORKIN @4 TEC ED 1 @2
8601110	MAT & PROCS TECH I Materials and Processes Technology I/Level 2	/Y	PA	1.0		
8601120	MAT & PROCS TECH II Materials and Processes Technology II/Level 2	/Y	PA	1.0		

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			GRADUATION REQUIREMENTS		
8601130	MAT & PROCS TECH III Materials and Processes Technology III/Level 3	/Y	PA		1.0
9400300	PATHWAYS TO ENGINEER Pathways to Engineering	9-12, 30, 31 /			SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE
8600550	INTRO TO ENGR DSN Introduction to Engineering Design/ Level 3	/Y	PA		1.0
8600520	PRIN OF ENGR Principles of Engineering/Level 3	/Y	PA		1.0
8600530	DIG ELECT Digital Electronics/Level 3	/Y	PA		1.0
8600560	COMP INTG MAN OR Computer Integrated Manufacturing/ Level 3 OR	/Y	PA		1.0
8600590	CIV ENGR & ARCH OR Civil Engineering and Architecture/ Level 3 OR	/Y	PA		1.0
8600620	AERO ENGR OR Aerospace Engineering/Level 3 OR	/Y	PA		1.0
8600630	BIOTECH ENGR OR Biotechnical Engineering/Level 3 OR	/Y	PA		1.0
8600650	ENGR DSN & DEV Engineering Design and Development/ Level 3	/Y	PA		1.0
8601300	POWER & ENERGY TECH Power and Energy Technology	9-12, 30, 31 /			AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2 AUTO IND @7 G TRANSPORT @4 AIR MECH @7 G ENG 7 G
8601310	POWER ENRG TECH I Power and Energy Technology I/Level 2	/Y	VO		1.0
8601320	POWER ENRG TECH II Power and Energy Technology II/Level 2	/Y	VO		1.0
8601330	POWER ENRG TECH III Power and Energy Technology III/ Level 3	/Y	VO		1.0
8604000	PRODUCTION TECH Production Technology	9-12, 30, 31 /			ENG 7 G TEC ED 1 @2
8600540	PRODUCTION TECH I Production Technology I/Level 2	/Y	PA		1.0
8600640	PRODUCTION TECH II Production Technology II/Level 2	/Y	PA		1.0



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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8601740	PRODUCTION TECH III Producti on Technol ogy III/Level 3	/Y	PA		1.0
9400100	SCIENTIFIC VISUALIZ Sci enti fi c Vi sua l i zati on	9-12, 30, 31 /		SCI VIZ COMPU SCI	7 G 6
8207310	INTROD TO INFO TECH Introducti on to Informati on Technol ogy /Level 2	/Y	PA		1.0
9400110	PRIN SCIEN VISUALIZ Pri nci pl es of Sci enti fi c Vi sua l i zati on /Level 3	/Y	VO		1.0
9400120	DATA MODELING Data Model ing/Level 3	/Y	PA		1.0
9400130	ADV APPS SCI VISUAL Advanci ed Appli cati on s i n Sci enti fi c Vi sua l i zati on/Level 3	/Y	PA		1.0
9400140	SCIVIZ INTERNSHIP Sci Vi z Internshi p/Level 2	/Y	PA		1.0
8600100	TECH STUDIES Technol ogy Studi es	9-12, 30, 31 /		ENG	7 G
8600510	TECH STUDIES I Technol ogy Studi es I/Level 2	/Y	PA		1.0
8600610	TECH STUDIES II Technol ogy Studi es II/Level 2	/Y	PA		1.0
8601710	TECH STUDIES III Technol ogy Studi es III/Level 2	/Y	PA		1.0
8600400	TECH SYSS Technol ogy Systems	9-12, 30, 31 /		SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8600410	COMMUNICATIONS SYSS Communi cati on s Systems/Level 2	/S	PA		0.5
8600420	POWER TRANS SYSTEMS Power and Transportati on Systems/ Level 2	/S	VO		0.5
8600430	PRODUCTION SYSTEMS Producti on Systems/Level 2	/S	VO		0.5
8600440	DRAFT/ILL DSN TECH Drafti ng/Illustrati ve Design Systems /Level 2	/S	PA		0.5
8600450	ELECTRONICS SYSS Electroni cs Systems/Level 2	/S	VO		0.5
8600460	ENGINEERING SYSS Engi neeri ng Systems/Level 2	/S	VO		0.5
8600470	APPLIED TECH SYSS Appl i ed Technol ogy Systems/Level 2	/S	VO		0.5

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8600480	HOME TECH SYSTEMS Home Technology Systems/Level 2	/S	VO	0.5		
8601200	TRANS TECH Transportation Technology	9-12, 30, 31 /			AUTO MECH @7 G GASENG RPR @7 G DIESEL MEC @7 G TEC MECH @7 G TEC ED 1 @2	AUTO IND @7 G TRANSPORT @4 G AIR MECH @7 G ENG 7 G
8601210	TRANS TECH I Transportation Technology I/Level 2	/Y	VO	1.0		
8601220	TRANS TECH II Transportation Technology II/Level 2	/Y	VO	1.0		
8601230	TRANS TECH III Transportation Technology III/Level 3	/Y	VO	1.0		
8601800	WORK-BASED EXP Work-Based Experience/Level 2	9-12, 30, 31 /M	VO	3.0	SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	

## GENERAL PROGRAMS

8600042	EX OF PDCT TECH & CP Exploration of Production Technology and Career Planning	7-8	/S	VO	0.5	TEC ED 1 @2 TEC CONSTR @7 G BLDG CONST @7 G BLDG MAINT @7 G TEC ED 1 @2	WOODWORKIN @4 METALS @4 ENG 7 G CARPENTRY @7 G ENG 7 G
8600220	EXPLO TECH & CAR PLA Exploring Technology and Career Planning	7-8	/S	VO	0.5		
8600000	INTEGRATED TECH ST Integrated Technology Studies	6-9, 30, 31 /				SEE CURRIC FRAMEWORK FOR SPECIFIC VOC COVERAGE	
8600010	INTROD TO TECH Introduction to Technology	/S	VO	0.5			
8600020	EX TECHNOLOGY Exploring Technology	/S	VO	0.5			
8600030	EX COMM TECH Exploration of Communications Technology	/S	VO	0.5			
8600040	EX PRODUCTION TECH Exploration of Production Technology	/S	VO	0.5			
8600050	EX AEROSPACE TECH Exploration of Aerospace Technology	/S	VO	0.5			
8600240	EX TRANS TECH Exploration of Transportation Technology	/S	VO	0.5			

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8600250	EX POWER & ENRG TECH Explorati on of Power and Energy Technol ogy	/S	VO		0.5

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TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER

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 FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)  
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T600100	ADV AUTO SVR TECH 1 Advanced Automoti ve Servi ce Technol ogy 1	30, 31	/			AUTO MECH @7 G	AUTO IND @7 G
AER0011	AUTO MAINT TECH Automoti ve Mai ntenance Techni ci an		/Y	VO	2.5		
AER0319	ADV AUTO ELEC TECH Advanced Automoti ve El ectri cal / El ectroni c System Techni ci an		/Y	VO	2.5		
T600200	ADV AUTO SVR TECH 2 Advanced Automoti ve Servi ce Technol ogy 2	30, 31	/			AUTO MECH @7 G	AUTO IND @7 G
AER0118	ADV ENG RPR TECH Advanced Engi ne Repai r Techni ci an		/Y	VO	1.0		
AER0258	ADV AUTO TRANS TECH Advanced Automati c Transmi ssi on and Transaxl e Techni ci an		/Y	VO	1.0		
AER0275	ADV MAN DT/AX TECH Advanced Manual Dri vetrai n and Axle Techni ci an		/Y	VO	1.0		
AER0459	ADV AUTO SUSP & STEE Advanced Automoti ve Suspensi on and Steeri ng Techni ci an		/Y	VO	1.0		
AER0419	ADV AUTO BRAKE SYS Advanced Automoti ve Brake System Techni ci an		/Y	VO	1.0		
AER0173	ADV AUTO HEAT&AC TEC Advanced Automoti ve Heati ng and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0		
AER0506	ADV AUTO ENGN PERF T Advanced Automoti ve Engi ne Performance Techni ci an		/Y	VO	2.5		

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			SUBJECT AREA	GRADUATION REQUIREMENTS	
I 470604	ADV AUTO TECH Advanced Automotive Technology	30, 31	/		AUTO MECH @7 G      AUTO IND @7 G
AER0011	AUTO MAINT TECH Automotive Maintenance Technician		/Y	VO	2.5
AER0118	ADV ENG RPR TECH Advanced Engine Repair Technician		/Y	VO	1.0
AER0258	ADV AUTO TRANS TECH Advanced Automatic Transmission and Transaxle Technician		/Y	VO	1.0
AER0275	ADV MAN DT/AX TECH Advanced Manual Drivetrain and Axle Technician		/Y	VO	1.0
AER0459	ADV AUTO SUSP & STEE Advanced Automotive Suspension and Steering Technician		/Y	VO	1.0
AER0419	ADV AUTO BRAKE SYS Advanced Automotive Brake System Technician		/Y	VO	1.0
AER0319	ADV AUTO ELEC TECH Advanced Automotive Electrical / Electronic System Technician		/Y	VO	2.5
AER0173	ADV AUTO HEAT&AC TEC Advanced Automotive Heating and Air Conditioning Technician		/Y	VO	1.0
AER0506	ADV AUTO ENGN PERF T Advanced Automotive Engine Performance Technician		/Y	VO	2.5
8715100	AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	9-12, 30, 31	/		AIR MECH @7 G
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/Level 3		/Y	VO	1.0
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/Level 3		/Y	VO	1.0
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/Level 3		/Y	VO	1.0
8715140	AVIATION MAINT GEN 4 Aviation Maintenance General 4/Level 3		/Y	VO	1.0
I 470612	AIRCR AIRFRAME MECH Aircraft Airframe Mechanics	30, 31	/		AIR MECH @7 G
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper		/Y	VO	4.0

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			GRADUATION REQUIREMENTS		
AMT0710	AV MAINT TECH FAA1 Aviation Maintenance Technician with FAA Airframe Rating 1		/Y	VO	3.0
AMT0711	AV MAINT TECH FAA2 Aviation Maintenance Technician with FAA Airframe Rating 2		/Y	VO	3.0
I470622	AIRCRAFT POWPL MECH Aircraft Powerplant Mechanics	30, 31	/		AIR MECH @7 G
AMT0700	AV GEN MAINT TECH HL Aviation General Maintenance Technician Helper		/Y	VO	4.0
AMT0720	AV MAINT TECH PPR 1 Aviation Maintenance Technician with FAA Power Plant Rating 1		/Y	VO	3.0
AMT0721	AV MAINT TECH PPR 2 Aviation Maintenance Technician with FAA Power Plant Rating 2		/Y	VO	3.0
8715200	AIRCR POWPL MECH Aircraft Powerplant Mechanics	9-12, 30, 31	/		AIR MECH @7 G
8715110	AVIATION MAINT GEN 1 Aviation Maintenance General 1/Level 3		/Y	VO	1.0
8715120	AVIATION MAINT GEN 2 Aviation Maintenance General 2/Level 3		/Y	VO	1.0
8715130	AVIATION MAINT GEN 3 Aviation Maintenance General 3/Level 3		/Y	VO	1.0
8715140	AVIATION MAINT GEN 4 Aviation Maintenance General 4/Level 3		/Y	VO	1.0
8709000	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	9-12, 30, 31	/		AUTO IND @7 G      AUTO BODY @7 G
8709010	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1/Level 2		/Y	VO	1.0
8709020	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2/Level 2		/Y	VO	1.0
8709030	AUTO COLL RPR & REF3 Automotive Collision Repair and Refinishing 3/Level 2		/Y	VO	1.0
8709040	AUTO COLL RPR & REF4 Automotive Collision Repair and Refinishing 4/Level 2		/Y	VO	1.0

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			GRADUATION REQUIREMENTS		
8709050	AUTO COLL RPR & REF5 Automotive Collision Repair and Refinishing 5/Level 2	/Y	VO		1.0
8709060	AUTO COLL RPR & REF6 Automotive Collision Repair and Refinishing 6/Level 2	/Y	VO		1.0
8709070	AUTO COLL RPR & REF7 Automotive Collision Repair and Refinishing 7/Level 2	/Y	VO		1.0
8709080	AUTO COLL RPR & REF8 Automotive Collision Repair and Refinishing 8/Level 2	/Y	VO		1.0
8709090	AUTO COLL RPR & REF9 Automotive Collision Repair and Refinishing 9/Level 2	/Y	VO		1.0
I 470603	AUTO COLL RPR & REF Automotive Collision Repair and Refinishing	30, 31	/		AUTO IND @7 G      AUTO BODY @7 G
ARR0210	PAINT & BODY HELPER Paint and Body Helper	/Y	VO		2.0
ARR0213	PAINT & BODY ASST Paint and Body Assistant	/Y	VO		2.0
ARR0020	AUTO COLL EST Auto Collision Estimator	/S	VO		0.5
ARR0313	FRAME & BODY RPR Frame and Body Repairman	/Y	VO		1.0
ARR0127	AUTO REFINISHING Automotive Refinishing	/Y	VO		2.0
ARR0240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO		2.0
I 47060R	AUTO COLL RPR&REF-AP Automotive Collision Repair and Refinishing - Apprenticeship	30, 31	/		
T400100	AUTO COLL RPR & REF1 Automotive Collision Repair and Refinishing 1	30, 31	/		AUTO IND @7 G      AUTO BODY @7 G
ARR0210	PAINT & BODY HELPER Paint and Body Helper	/Y	VO		2.0
ARR0213	PAINT & BODY ASST Paint and Body Assistant	/Y	VO		2.0
ARR0020	AUTO COLL EST Auto Collision Estimator	/S	VO		0.5
ARR0313	FRAME & BODY RPR Frame and Body Repairman	/Y	VO		1.0

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			GRADUATION REQUIREMENTS			
T400200	AUTO COLL RPR & REF2 Automotive Collision Repair and Refinishing 2	30, 31 /			AUTO IND @7 G	AUTO BODY @7 G
ARR0127	AUTO REFINISHING Automotive Refinishing	/Y	VO	2.0		
ARR0240	AUTO BODY REPAIRER Automobile Body Repairer	/Y	VO	2.0		
8710000	AUTO DETAIL RECD Automotive Detailing and Reconditioning	9-12, 30, 31 /			AUTO BODY @7 G AUTO IND @7 G	AUTO MECH @7 G
8710010	AUTO DETAILING 1 Automotive Detailing 1/Level 2	/Y	VO	1.0		
8710020	AUTO DETAILING 2 Automotive Detailing 2/Level 2	/Y	VO	1.0		
8710030	AUTO DETAILING 3 Automotive Detailing 3/Level 2	/Y	VO	1.0		
I470623	AUTO DETAIL RECD Automotive Detailing and Reconditioning	30, 31 /			AUTO BODY @7 G AUTO IND @7 G	AUTO MECH @7 G
ARR0610	BASIC PREP, AUTO Basic Prep, Automotive	/Y	VO	1.0		
ARR0611	RECOND DETAILER Reconditioning Detailer	/Y	VO	1.0		
ARR0612	AUTO DETAILER Automobile Detailer	/Y	VO	1.0		
I47061R	AUTO SERV TECH-APPR Automotive Service Technology - Apprenticeship	30, 31 /				
8709400	AUTO SERV TECH Automotive Service Technology	9-12, 30, 31 /			AUTO MECH @7 G	AUTO IND @7 G
8709410	AUTO SER TECH 1 Automotive Service Technology 1/Level 2	/Y	VO	1.0		
8709420	AUTO SER TECH 2 Automotive Service Technology 2/Level 2	/Y	VO	1.0		
8709430	AUTO SER TECH 3 Automotive Service Technology 3/Level 2	/Y	VO	1.0		
8709440	AUTO SER TECH 4 Automotive Service Technology 4/Level 2	/Y	VO	1.0		
8709450	AUTO SER TECH 5 Automotive Service Technology 5/Level 2	/Y	VO	1.0		
8709460	AUTO SER TECH 6 Automotive Service Technology 6/Level 2	/Y	VO	1.0		
8709470	AUTO SER TECH 7 Automotive Service Technology 7/Level 3	/Y	VO	1.0		

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				SUBJECT AREA	GRADUATION REQUIREMENTS	
8709480	AUTO SER TECH 8 Automotive Service Technology	8/Level 3	/Y	VO		1.0
8709490	AUTO SER TECH 9 Automotive Service Technology	9/Level 3	/Y	VO		1.0
8709491	AUTO SER TECH 10 Automotive Service Technology	10/Level 3	/Y	VO		1.0
8709492	AUTO SER TECH 11 Automotive Service Technology	11/Level 3	/Y	VO		1.0
8709493	AUTO SER TECH 12 Automotive Service Technology	12/Level 3	/Y	VO		1.0
I 470608	AUTO SERV TECH Automotive Service Technology	30, 31	/		AUTO MECH @7 G	AUTO IND @7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistant		/Y	VO		2.0
AER0110	ENGINE REPAIR TECH Engine Repair Technician		/Y	VO		1.0
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician		/Y	VO		1.0
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician		/Y	VO		1.0
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician		/Y	VO		1.0
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	VO		1.0
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician		/Y	VO		2.0
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician		/Y	VO		1.0
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician		/Y	VO		2.0
T400700	AUTO SERV TECH 1 Automotive Service Technology	30, 31	/		AUTO MECH @7 G	AUTO IND @7 G
AER0014	AUTO SERVICES ASST Automobile Services Assistant		/Y	VO		2.0
AER0418	AUTO BRAKE SYS TECH Automotive Brake System Technician		/Y	VO		1.0
AER0453	AUTO SUSP & STEER TE Automobile Suspension and Steering Technician		/Y	VO		1.0



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			GRADUATION REQUIREMENTS		
AER0360	AUTO ELEC/ELECT TECH Automotive Electrical/Electronic System Technician	/Y	VO		2.0
AER0110	ENGINE REPAIR TECH Engine Repair Technician	/Y	VO		1.0
T400800	AUTO SERV TECH 2 Automotive Service Technology 2	30, 31	/		AUTO MECH @7 G      AUTO IND @7 G
AER0503	AUTO ENGN PERF TECH Automotive Engine Performance Technician	/Y	VO		2.0
AER0257	AUTO TRANS&AXLE TECH Automatic Transmission and Transaxle Technician	/Y	VO		1.0
AER0274	MAN DRIVETRAIN/AXLE Manual Drivetrain and Axle Technician	/Y	VO		1.0
AER0172	AUTO HEAT&AC TECH Automotive Heating and Air Conditioning Technician	/Y	VO		1.0
I470199	AVIONICS Avionics	30, 31	/		ELECTRONIC @7 G      AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer	/Y	VO		2.5
EEV0616	ELECTRONICS TECH Electronics Technician	/Y	VO		3.0
AVS0090	AVIONICS TEC PUB TEC Avionics Technical Publications Technician	/Y	VO		1.0
AVS0091	AVIONICS INSTALLER Avionics Installer	/Y	VO		1.0
AVS0092	AV COMM SYS TECH Avionics Communication System Technician	/Y	VO		1.0
AVS0093	AVIONICS TECH Avionics Technician	/Y	VO		1.0
T640100	AVIONICS 1 Avionics 1	30, 31	/		ELECTRONIC @7 G      AVIONICS @7 G
EEV0010	ELECTRONICS ASMBR Electronics Assembler	/Y	VO		2.0
EEV0100	ELECTRONICS TESTER Electronics Tester	/Y	VO		3.0

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			GRADUATION REQUIREMENTS		
EEV0500	ELECT EQUIP RPR Electronics Equipment Repairer		/Y	VO	2.5
EEV0616	ELECTRONICS TECH Electronics Technician		/Y	VO	3.0
T640200	AVIONICS 2 Avionics 2	30, 31	/		ELECTRONIC @7 G AVIONICS @7 G
AVS0090	AVIONICS TECH PUB TEC Avionics Technical Publications Technician		/Y	VO	1.0
AVS0091	AVIONICS INSTALLER Avionics Installer		/Y	VO	1.0
AVS0092	AV COMM SYS TECH Avionics Communication System Technician		/Y	VO	1.0
AVS0093	AVIONICS TECH Avionics Technician		/Y	VO	1.0
8766000	GAS ENGN SERV TECH Gasoline Engine Service Technology	9-12, 30, 31	/		GASENG RPR @7 G
8766010	GAS ENGN SER 1 Gasoline Engine Service 1/Level 2		/Y	VO	1.0
8766020	GAS ENGN SER 2 Gasoline Engine Service 2/Level 2		/Y	VO	1.0
8766030	GAS ENGN SER 3 Gasoline Engine Service 3/Level 2		/Y	VO	1.0
8766040	GAS ENGN SER 4 Gasoline Engine Service 4/Level 2		/Y	VO	1.0
8766050	GAS ENGN SER 5 Gasoline Engine Service 5/Level 2		/Y	VO	1.0
8766060	GAS ENGN SER 6 Gasoline Engine Service 6/Level 2		/Y	VO	1.0
8766070	GAS ENGN SER 7 Gasoline Engine Service 7/Level 2		/Y	VO	1.0
8766080	GAS ENGN SER 8 Gasoline Engine Service 8/Level 2		/Y	VO	1.0
I470606	GAS ENGN SERV TECH Gasoline Engine Service Technology	30, 31	/		GASENG RPR @7 G
SER0001	SERVICE TECHNICIAN Service Technician		/Y	VO	1.0
SER0700	CLERK PARTS Clerk Parts		/Y	VO	1.0
SER0171	INSTALLER REPAIRER Installer Repairer		/Y	VO	1.0
SER0341	HLP, MECH & REPAIRER Helper, Mechanic and Repairer		/Y	VO	1.0

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			GRADUATION REQUIREMENTS		
SER0161	SM ENGINE MECH 1 Small Engine Mechanic 1		/Y	VO	2.0
SER0162	SM ENGINE MECH 2 Small Engine Mechanic 2		/Y	VO	2.0
9503100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	9-12, 30, 31	/		LOG TECH 7 G BUS ED 1
9503110	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology/Level 2		/Y	VO	1.0
9503120	INTRO TO IT APPS Introduction to Information Technology Applications/Level 2		/Y	VO	1.0
9503130	WAREHOUSE OPS & MAT1 Warehouse Operations and Material Handling I/Level 2		/Y	VO	1.0
9503140	WAREHOUSE OPS & MAT2 Warehouse Operations and Material Handling II/Level 2		/Y	VO	1.0
T300100	GLOB LOG & SUP CH TE Global Logistics and Supply Chain Technology	30, 31	/		LOG TECH 7 G BUS ED 1
TRA0180	PACKER Packer		/Y	VO	1.0
TRA0181	MATERI AL HANDLER Material Handler		/Y	VO	1.0
TRA0182	SHIP, REC, TRF CLERK Shipping, Receiving and Traffic Clerk		/Y	VO	1.0
TRA0183	LOGI STI CS TECH Logistics Technician		/Y	VO	1.0
I 470302	HVY EQUIPMENT MECH Heavy Equipment Mechanics	30, 31	/		DI ESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Diesel Engine Mechanic/Technician Helper		/Y	VO	1.0
DIM0102	DSL ELEC & ELECT TEC Diesel Electrical and Electronics Technician		/Y	VO	2.0
DIM0103	DSL ENG PREV MAINT Diesel Engine Preventative Maintenance Technician		/Y	VO	1.0
DIM0104	DI ESEL ENGINE TECH Diesel Engine Technician		/Y	VO	2.0

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CAREER AND TECHNICAL EDUCATION

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an		/Y	VO	2.0
DIM0106	DSL HEAT & AC TECH Di esel Heating and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DIM0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DIM0108	DSL DRIVETRAIN TECH Di esel Dri vetrain Techni ci an		/Y	VO	1.0
DIM0110	DI ESEL POWER TR TECH Di esel Power Trai n Techni ci an		/Y	VO	1.0
I47030R	HVY EQUIP MECH -APPR Heavy Equi pment Mechani cs - Apprenti ceshi p	30, 31	/		
I490202	HVY EQUIPMENT OPERAT Heavy Equi pment Operati on	30, 31	/		OPER ENGR @7 G
TRA0070	HVY EQUIP MAINT TECH Heavy Equi pment Mai ntenance Techni ci an		/Y	VO	1.0
TRA0086	TRACTOR OPERATOR Tractor Operator		/Y	VO	1.0
TRA0087	OFFRD EQUIP OP 1 Offroad Equi pment Operator 1		/Y	VO	2.0
TRA0088	OFFRD EQUIP OP 2 Offroad Equi pment Operator 2		/Y	VO	2.0
TRA0049	CRANE OPERATOR Crane Operator		/Y	VO	2.0
I49020R	HVY EQUIP OP-APPR Heavy Equi pment Operati on - Apprenti ceshi p	30, 31	/		
8751000	MARI SERV TECH Mari ne Servi ce Technol ogy	9-12, 30, 31	/		DI ESEL MEC @7 G      GASENG RPR @7 G
8751010	MARI NE SERVI CE 1 Mari ne Servi ce 1/Level 2		/Y	VO	1.0
8751020	MARI NE SERVI CE 2 Mari ne Servi ce 2/Level 2		/Y	VO	1.0
8751030	MARI NE SERVI CE 3 Mari ne Servi ce 3/Level 2		/Y	VO	1.0
8751040	MARI NE SERVI CE 4 Mari ne Servi ce 4/Level 2		/Y	VO	1.0
8751050	MARI NE SERVI CE 5 Mari ne Servi ce 5/Level 2		/Y	VO	1.0
8751060	MARI NE SERVI CE 6 Mari ne Servi ce 6/Level 2		/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE	LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
				SUBJECT AREA	GRADUATION REQUIREMENTS	
8751070	MARINE SERVICE 7 Marine Service 7/Level 2		/Y	VO		1.0
8751080	MARINE SERVICE 8 Marine Service 8/Level 2		/Y	VO		1.0
8751090	MARINE SERVICE 9 Marine Service 9/Level 2		/Y	VO		1.0
I490306	MARINE SERVICE TECH Marine Service Technology		30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y	VO		2.0
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y	VO		2.0
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/Y	VO		2.0
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y	VO		1.0
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y	VO		1.0
MTE0056	INBOARD DIESEL TECH Inboard Diesel Technician		/Y	VO		1.0
T500100	MARINE SER TECH 1 Marine Service Technology 1		30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0003	MARINE RIGGER Marine Rigger		/Y	VO		2.0
MTE0050	OUTBOARD ENGN TECH 1 Outboard Engine Technician 1		/Y	VO		2.0
T500200	MARINE SER TECH 2 Marine Service Technology 2		30, 31	/		DI ESEL MEC @7 G GASENG RPR @7 G
MTE0070	OUTBOARD ENGN TECH 2 Outboard Engine Technician 2		/Y	VO		2.0
MTE0183	STERN DRIVE TECH Stern Drive Technician		/Y	VO		1.0
MTE0054	INBOARD GAS TECH Inboard Gas Technician		/Y	VO		1.0
MTE0056	INBOARD DIESEL TECH Inboard Diesel Technician		/Y	VO		1.0
8742000	MED & HVY TRK&BUS TE Medium and Heavy Duty Truck and Bus Technician		9-12, 30, 31	/		DI ESEL MEC @7 G
8742010	DI ESEL ENGN SER 1 Diesel Engine Service 1/Level 2		/Y	VO		1.0
8742020	DI ESEL ENGN SER 2 Diesel Engine Service 2/Level 2		/Y	VO		1.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
8742030	DI ESEL ENGN SER 3 Di esel Engi ne Servi ce 3/Level 2		/Y	VO	1.0
8742040	DI ESEL ENGN SER 4 Di esel Engi ne Servi ce 4/Level 2		/Y	VO	1.0
8742050	DI ESEL ENGN SER 5 Di esel Engi ne Servi ce 5/Level 2		/Y	VO	1.0
8742060	DI ESEL ENGN SER 6 Di esel Engi ne Servi ce 6/Level 2		/Y	VO	1.0
8742070	DI ESEL ENGN SER 7 Di esel Engi ne Servi ce 7/Level 2		/Y	VO	1.0
8742080	DI ESEL ENGN SER 8 Di esel Engi ne Servi ce 8/Level 2		/Y	VO	1.0
8742090	DI ESEL ENGN SER 9 Di esel Engi ne Servi ce 9/Level 2		/Y	VO	1.0
8742091	DI ESEL ENGN SER 10 Di esel Engi ne Servi ce 10/Level 2		/Y	VO	1.0
8742092	DI ESEL ENGN SER 11 Di esel Engi ne Servi ce 11/Level 2		/Y	VO	1.0
8742093	DI ESEL ENGN SER 12 Di esel Engi ne Servi ce 12/Level 2		/Y	VO	1.0
I 470605	MED & HVY TRK&BUS TE Medi um and Heavy Duty Truck and Bus Techni ci an	30, 31	/		DI ESEL MEC @7 G
DIM0101	DSL ENGN TEC/MEC HLP Di esel Engi ne Mechani c/Techni ci an Hel per		/Y	VO	1.0
DIM0102	DSL ELEC & ELECT TEC Di esel El ectri cal and El ectroni cs Techni ci an		/Y	VO	2.0
DIM0103	DSL ENG PREV MAINT Di esel Engi ne Preventati ve Mai ntenance Techni ci an		/Y	VO	1.0
DIM0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an		/Y	VO	2.0
DIM0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an		/Y	VO	2.0
DIM0106	DSL HEAT & AC TECH Di esel Heati ng and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DIM0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DIM0108	DSL DRIVETRAIN TECH Di esel Dri vetrai n Techni ci an		/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
DI M0109	DI ESEL HYDRA TECH Di esel Hydraul i cs Techni ci an		/Y	VO	1.0
T650100	MED & HVY TRK&BUS 1 Medi um and Heavy Duty Truck and Bus Techni ci an 1	30, 31	/		DI ESEL MEC @7 G
DI M0101	DSL ENGN TEC/MEC HLP Di esel Engi ne Mechani c/Techni ci an Hel per		/Y	VO	1.0
DI M0102	DSL ELEC & ELECT TEC Di esel El ectri cal and El ectroni cs Techni ci an		/Y	VO	2.0
DI M0104	DI ESEL ENGINE TECH Di esel Engi ne Techni ci an		/Y	VO	2.0
DI M0105	DI ESEL BRAKES TECH Di esel Brakes Techni ci an		/Y	VO	2.0
T650200	MED & HVY TRK&BUS 2 Medi um and Heavy Duty Truck and Bus Techni ci an 2	30, 31	/		DI ESEL MEC @7 G
DI M0103	DSL ENG PREV MAINT Di esel Engi ne Preventati ve Mai ntenance Techni ci an		/Y	VO	1.0
DI M0106	DSL HEAT & AC TECH Di esel Heati ng and Ai r Condi ti oni ng Techni ci an		/Y	VO	1.0
DI M0107	DSL STEER & SUSP TEC Di esel Steeri ng and Suspensi on Techni ci an		/Y	VO	1.0
DI M0108	DSL DRIVETRAIN TECH Di esel Dri vetrai n Techni ci an		/Y	VO	1.0
DI M0109	DI ESEL HYDRA TECH Di esel Hydraul i cs Techni ci an		/Y	VO	1.0
8766100	MOTORCYCLE SERV TECH Motorcycl e Servi ce Technol ogy	9-12, 30, 31	/		MOTORCYCLE @7 G
8766110	MOTORCYCLE SERV 1 Motorcycl e Servi ce 1/Level 2		/Y	VO	1.0
8766120	MOTORCYCLE SERV 2 Motorcycl e Servi ce 2/Level 2		/Y	VO	1.0
8766130	MOTORCYCLE SERV 3 Motorcycl e Servi ce 3/Level 2		/Y	VO	1.0
8766140	MOTORCYCLE SERV 4 Motorcycl e Servi ce 4/Level 2		/Y	VO	1.0
8766150	MOTORCYCLE SERV 5 Motorcycl e Servi ce 5/Level 2		/Y	VO	1.0

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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE	LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING		CREDIT/CERTIFICATION
				SUBJECT AREA	GRADUATION REQUIREMENTS	
8766160	MOTORCYCLE SERV 6 Motorcycl e Servi ce 6/Level 2		/Y	VO		1.0
8766170	MOTORCYCLE SERV 7 Motorcycl e Servi ce 7/Level 2		/Y	VO		1.0
8766180	MOTORCYCLE SERV 8 Motorcycl e Servi ce 8/Level 2		/Y	VO		1.0
8766190	MOTORCYCLE SERV 9 Motorcycl e Servi ce 9/Level 2		/Y	VO		1.0
8766200	MOTORCYCLE SERV 10 Motorcycl e Servi ce 10/Level 2		/Y	VO		1.0
I 470616	MOTORCYCLE SERV TECH Motorcycl e Servi ce Technol ogy		30, 31	/		MOTORCYCLE @7 G
MOM0001	ASSEMBLER (SETUP) Assembl er (Setup)		/Y	0		1.0
MOM0002	PARTS CLERK Parts Clerk		/Y	VO		1.0
MOM0100	HELPER, MECHANIC Hel per, Mechani c		/Y	VO		3.0
MOM0400	MOTORCYLCE MECH Motorcycl e Mechani c		/Y	VO		5.0
<sup>a</sup> I 470698	REC VEH SERVICE TECH Recreati onal Vehi cl e Servi ce Techni ci an		30, 31	/		REC VEH SR @7 G
ARR0071	LOT PORTER Lot Porter		/Y	VO		1.0
ARR0072	PRE-DEL INSPEC TECH Pre-Del i very Inspecti on Techni ci an		/Y	VO		2.0
ARR0073	REC VEHICLE TECH 1 Recreati onal Vehi cl e Techni ci an 1		/Y	VO		1.5
ARR0074	REC VEHICLE TECH 2 Recreati onal Vehi cl e Techni ci an 2		/Y	VO		1.5
9500100	TRANSIT TECHNICIAN 1 Transi t Techni ci an 1		9-12, 30, 31	/		DI ESEL MEC @7 G
9500110	TRANSIT BUS SERV 1 Transi t Bus Servi ce 1/Level 2		/Y	VO		1.0
9500120	TRANSIT BUS SERV 2 Transi t Bus Servi ce 2/Level 2		/Y	VO		1.0
9500130	TRANSIT BUS SERV 3 Transi t Bus Servi ce 3/Level 2		/Y	VO		1.0
9500140	TRANSIT BUS SERV 4 Transi t Bus Servi ce 4/Level 2		/Y	VO		1.0
9500150	TRANSIT BUS SERV 5 Transi t Bus Servi ce 5/Level 2		/Y	VO		1.0



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## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
T660100	TRANSIT TECHNICIAN 1 Transit Technician 1	30, 31	/		DI ESEL MEC @7 G
DI M0810	TRANSIT EQUIP PREV Transit Equipment Preventative Maintenance Technician		/Y	VO	1.5
DI M0811	TRANSIT BASIC ELEC Transit Basic Electrical Systems Technician		/Y	VO	1.0
DI M0812	TRANSIT WHEELCHAIR Transit Wheelchair Lift/Ramp Technician		/S	VO	0.5
DI M0813	TRANSIT DSL ENG PREV Transit Diesel Engine Preventative Maintenance Technician		/Y	VO	1.0
DI M0814	TRANSIT STEER & SUSP Transit Steering and Suspension Technician		/Y	VO	1.0
9500200	TRANSIT TECHNICIAN 2 Transit Technician 2	9-12, 30, 31	/		DI ESEL MEC @7 G
9500210	TRANSIT BUS SERV 6 Transit Bus Service 6/Level 2		/Y	VO	1.0
9500220	TRANSIT BUS SERV 7 Transit Bus Service 7/Level 2		/Y	VO	1.0
9500230	TRANSIT BUS SERV 8 Transit Bus Service 8/Level 2		/Y	VO	1.0
9500240	TRANSIT BUS SERV 9 Transit Bus Service 9/Level 2		/Y	VO	1.0
9500250	TRANSIT BUS SERV 10 Transit Bus Service 10/Level 2		/Y	VO	1.0
T660200	TRANSIT TECHNICIAN 2 Transit Technician 2	30, 31	/		DI ESEL MEC @7 G
DI M0820	TRANSIT HYDRAULICS Transit Hydraulics Technician		/S	VO	0.5
DI M0821	TRANSIT DIESEL ELEC Transit Diesel Electrical and Diesel Engine Electronics Technician		/Y	VO	1.0
DI M0822	TRANSIT DRIVETRAIN Transit Drivetrain Technician		/Y	VO	1.0
DI M0823	TRANSIT INTM ELEC Transit Intermediate Electrical Systems Technician		/Y	VO	1.0
DI M0824	TRANSIT BRAKES/AIR Transit Brakes/Air System Technician		/Y	VO	1.5
9500300	TRANSIT TECHNICIAN 3 Transit Technician 3	9-12, 30, 31	/		DI ESEL MEC @7 G

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
9500310	TRANSIT BUS SERV 11 Transit Bus Service 11/Level 2		/Y	VO	1.0
9500320	TRANSIT BUS SERV 12 Transit Bus Service 12/Level 2		/Y	VO	1.0
9500330	TRANSIT BUS SERV 13 Transit Bus Service 13/Level 2		/Y	VO	1.0
9500340	TRANSIT BUS SERV 14 Transit Bus Service 14/Level 2		/Y	VO	1.0
9500350	TRANSIT BUS SERV 15 Transit Bus Service 15/Level 2		/Y	VO	1.0
T660300	TRANSIT TECHNICIAN 3 Transit Technician 3	30, 31	/		DI ESEL MEC @7 G
DI M0830	TRANSIT ALT FUELS Transit Alternative Fuels System Technician		/Y	VO	1.0
DI M0831	TRANSIT ADV ELEC SYS Transit Advanced Electrical Systems Technician		/Y	VO	1.0
DI M0832	TRANSIT HEAT & AIR Transit Heating and Air-Conditioning Technician		/Y	VO	1.0
DI M0833	TRANS DIAG, REBUILD Transmission Diagnosis, Rebuild and Repair Technician		/Y	VO	1.0
DI M0834	DIE ENG DIAG, REBLD Diesel Engine Diagnosis, Rebuild and Repair Technician		/Y	VO	1.0
RANS SYS/INFRASTRUCTURE PLAN, MGMT & REGS PATH (TRPE)					
AI 490105	AIR TRAFFIC CONTROL Air Traffic Control	30, 31	/		AIR COND @7 G
ATT0825	AIR TRAF CONT SPEC 1 Air Traffic Control Specialist 1		/Y	VO	2.5
ATT0826	AIR TRAF CONT SPEC 2 Air Traffic Control Specialist 2		/Y	VO	2.5
ATT0827	AIR TRAF CONT SPEC 3 Air Traffic Control Specialist 3		/Y	VO	2.5
ATT0828	AIR TRAF CONT SPEC 4 Air Traffic Control Specialist 4		/Y	VO	2.5
I 490251	CMCL CLASS B DRIVING Commercial Class B Driving	30, 31	/		COMM DRIV @7 G

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
TRA0084	TRUCK DRIV HVY FL"B" Truck Driver Heavy Florida Class "B"	/Y	VO		1.0
8751200	COMM FISH Commercial Fishing	9-12, 30, 31 /			COMM FISH @7 G
8751210	COMM FISH 1 Commercial Fishing 1/Level 2	/Y	VO		1.0
8751220	COMM FISH 2 Commercial Fishing 2/Level 2	/Y	VO		1.0
8751230	COMM FISH 3 Commercial Fishing 3/Level 2	/Y	VO		1.0
8751240	COMM FISH 4 Commercial Fishing 4/Level 2	/Y	VO		1.0
8751250	COMM FISH 5 Commercial Fishing 5/Level 2	/Y	VO		1.0
I 490303	COMMERCIAL FISHING Commercial Fishing	30, 31 /			COMM FISH @7 G
MTE0880	OFF OR FISH VES CAP1 Officer or Fishing Vessel Captain 1	/Y	VO		2.5
MTE0881	OFF OR FISH VES CAP2 Officer or Fishing Vessel Captain 2	/Y	VO		2.5
I 490205	CMCL VEHICLE DRIVING Commercial Vehicle Driving	30, 31 /			COMM DRIV @7 G
TRA0080	TRACTOR TRAIL TRK DR Tractor Trailer Truck Driver	/Y	VO		2.0
I 490215	SCHOOL BUS DR TRAIN School Bus Driver Training	30, 31 /			SC BS DR T @7 G COMM DRIV @7 G
TRA0085	BUS DRIVER, SCHOOL Bus Driver, School	/Y	VO		0.0
I 490203	WST CLC EQUIP OPER Solid Waste Collection Equipment Operator	30, 31 /			COMM DRIV @7 G OPER ENGR @7 G
TRA0071	SOLID WASTE COLL EQU Solid Waste Collection Equipment Operator	/Y	VO		1.0

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-----   ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES   -----				
DI VERSI FIED				
D886700	C & T REL BAS SK Career and Technical Related Basic Skills	30, 31 /	SCIENCE @4 ENGLISH 1 MG ENG C	PHYSICS 1 @4 MATH 1 @4 MG MATH C
D886200	COOP DIV ED-OJT Cooperative Diversified Education- OJT	30, 31 /	ANY VOCATIONAL FIELD OR COVERAGE COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7	
8300420	COOP DIV ED-OJT Cooperative Diversified Education- OJT/Level 2	9-12, 30, 31 /M	VO MULTIPLE	ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7 COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7
8303000	DIV CAR TECH Diversified Career Technology	9-12, 30, 31 /	ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7 COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7	
8303010	DIV CAREER TECH PRIN Diversified Career Technology Principles/Level 2	/Y	VO	1.0
8300410	DIV CAR TECH-OJT Diversified Career Technology OJT/ Level 2	/M	VO	MULTIPLE
8303020	DIV CAR TECH APPL Diversified Career Technology Applications/Level 2	/Y	VO	1.0
8303030	DIV CAR TECH MGMT Diversified Career Technology Management/Level 2	/Y	VO	1.0
D886100	DIV CAR TECH Diversified Career Technology	30, 31 /	COOR DCT @4 @7 TEACH CDE @7 SPECLIZ TC \$7 COOP TEACH @7 ANY VOC FIELD OR COVERAGE/TC COOP ED E G COOR WK EX @7	
VPI 0400	DIV CAREER TECH Diversified Career Technology	/Y	VO	1.0

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			GRADUATION REQUIREMENTS		
VPI 0940	DIV CAREER TECH OJT Diversified Career Technology OJT		/Y	VO	1.0
VPI 0401	DIV CAREER TECH APPS Diversified Career Technology Applications		/Y	VO	1.0
VPI 0402	DIV CAREER TECH MGMT Diversified Career Technology Management		/Y	VO	1.0
8300100	DIV ED DIR STUDY Diversified Education Directed Study /Level 2	11-12, 30, 31/M		VO	MULTIPLE ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
9100210	EX CAR&TECH OCCS Exploration of Career and Technical Occupations	6-9, 30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER TC WK EXP
D886300	GUIDED WKPL LEARN Guided Workplace Learning (Internship)	30, 31	/		ANY VOCATIONAL FIELD OR COVERAGE PK PRIMARY H PRESCH ED A E CHILD ED @0 PRIMARY ED @B
8300430	GUIDED WKPL LEARN Guided Workplace Learning (Internship)/Level 2	9-12, 30, 31	/M	VO	MULTIPLE ANY VOCATIONAL FIELD OR COVERAGE PK PRIMARY H PRESCH ED A E CHILD ED @0 PRIMARY ED @B
9100310	ORIEN CAR& TECH OCCS Orientation to Career and Technical Occupations	6-9, 30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
9100110	OR CAR&TEC OCCS & CP Orientation to Career and Technical Occupations and Career Planning	6-9, 30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
8300320	PRACTICAL ARTS GEN Practical Arts General /Level 2	9-12, 30, 31	/Y	VO	1.0 ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
8301600	WORK EXP Work Experience	9-12, 30, 31	/		COOR WK EX @7 ANY FIELD/BACHELORS OR HIGHER CERT/TC WK EXP E G
8301610	WORK EXP 1 Work Experience 1/Level 2		/Y	VO	1.0
8301620	WORK EXP 2 Work Experience 2/Level 2		/Y	VO	1.0
8301630	WORK EXP 3 Work Experience 3/Level 2		/Y	VO	1.0
8301640	WORK EXP 4 Work Experience 4/Level 2		/Y	VO	1.0
8301650	WORK EXP-OJT Work Experience-OJT		/M	VO	MULTIPLE
D988650	WKPL ESSENTIALS Workplace Essentials	30, 31	/S	VO	0.5 ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER

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PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION	
8300310	WKPL ESSENTIALS Workpl ace Essenti als/Level 2	9-12, 30, 31 /S	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
8300330	WKPL TECH APPL Workpl ace Technol ogy Appli cations/ Level 2	9-12, 30, 31 /S	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER

## INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS)

9001810	CAR ED STUS DI SAB Career Educati on for Students wi th Di sabi liti es	7-12, 30, 31 /M	VO	MULTI PLE	ANY VOCATIONAL FIELD OR COVERAGE
S990002	CAR ED STUS DI SAB Career Educati on for Students wi th Di sabi liti es	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
SLS0051	TRAIN RELATED OCCS 1 Trai ni ng Rel ated Occupati ons 1		/Y	VO	MULTI PLE
SLS0052	TRAIN RELATED OCCS 2 Trai ni ng Rel ated Occupati ons 2		/Y	VO	MULTI PLE
S990004	SUP COMPE EMP AD DIS Supporte d Competi tive Employme nt for Adul ts W/Di sabi liti es (Phase I)	30, 31 /			ANY FIELD
SLS0051	TRAIN RELATED OCCS 1 Trai ni ng Rel ated Occupati ons 1		/Y	VO	MULTI PLE
SLS0052	TRAIN RELATED OCCS 2 Trai ni ng Rel ated Occupati ons 2		/Y	VO	MULTI PLE
S430123	VOC EMP SKILLS ADULT Vocati onal Empl oyiabi lity Ski lls for Adul ts	30, 31 /			ANY VOCATIONAL FIELD OR COVERAGE
SLS0050	HELPER Hel per		/Y	VO	MULTI PLE
9001920	VOC/EMP SKLS/YOUTH Vocati onal Empl oyiabi lity Ski lls for You th	7-12, 30, 31 /M	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER
9001820	VOC/EMP SKLS/YOU &CP Vocati onal Empl oyiabi lity Ski lls for You th and Caree r Pl anni ng	7-12, 30, 31 /M	VO	0.5	ANY VOCATIONAL FIELD OR COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/ HIGHER

## OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS

E91010A	CWE - AG & NAT RES Conti nu ing Workforce Educati on - Agri cul ture and Natu ral Resour ces	30, 31 /M			ANY FIELD
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## SECTION 5

## CAREER AND TECHNICAL EDUCATION

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA		CREDIT/CERTIFICATION
			GRADUATION REQUIREMENTS		
E91010B	CWE - BUS TECH Continuing Workforce Education - Business Technology	30, 31	/M		ANY FIELD
E91010V	CWE - FAM & CONS SCI Continuing Workforce Education - Family and Consumer Sciences	30, 31	/M		ANY FIELD
E91010H	CWE - HEALTH SCI Continuing Workforce Education - Health Science	30, 31	/M		ANY FIELD
E91010I	CWE - IND Continuing Workforce Education - Industrial	30, 31	/M		ANY FIELD
E91010M	CWE - MARKETING Continuing Workforce Education - Marketing	30, 31	/M		ANY FIELD
E91010P	CWE - PUB SERV Continuing Workforce Education - Public Service	30, 31	/M		ANY FIELD
8000100	PRE-APPR Pre-Apprenticeship	9-12, 30, 31	/	VO	ANY VOCATIONAL FIELD OR COVERAGE
8000110	PRE-APPR 1 Pre-Apprenticeship 1		/Y	VO	1.0
8000120	PRE-APPR 2 Pre-Apprenticeship 2		/Y	VO	1.0
8000130	PRE-APPR 3 Pre-Apprenticeship 3		/Y	VO	1.0
8000140	PRE-APPR 4 Pre-Apprenticeship 4		/Y	VO	1.0
8000150	PRE-APPR 5 Pre-Apprenticeship 5		/Y	VO	1.0
8000160	PRE-APPR 6 Pre-Apprenticeship 6		/Y	VO	1.0
E920100	PRE-APPRENTICESHIP Pre-Apprenticeship	30, 31	/		ANY VOCATIONAL FIELD OR COVERAGE
SLS0314	PRE-APPRENTICE I Pre-Apprenticeship I		/Y	VO	3.0
SLS0315	PRE-APPRENTICE II Pre-Apprenticeship II		/Y	VO	3.0
E92010R	PRE-APPR - APPR Pre-Apprenticeship - Apprenticeship	30, 31	/		ANY VOCATIONAL FIELD OR COVERAGE

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE/COURSE	LEVEL	GRADE LEVEL/ CRSE LENGTH	COURSES MEETING SUBJECT AREA GRADUATION REQUIREMENTS	CREDIT/CERTIFICATION
----- M/J EXPLORATORY CAREER EDUCATION WHEEL -----					
8000300	M/J EXP WHEEL 1 M/J Exploratory Career Wheel 1		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000200	M/J EXP WHL 1 & CP M/J Exploratory Career Wheel 1 and Career Planning		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000210	M/J EXPLOR WHEEL 2 M/J Exploratory Career Wheel 2		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000220	M/J EXPLOR WHEEL 3 M/J Exploratory Career Wheel 3		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000230	M/J EXPLOR WHEEL 4 M/J Exploratory Career Wheel 4		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000240	M/J EXPLOR WHEEL 5 M/J Exploratory Career Wheel 5		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE
8000250	M/J EXPLOR WHEEL 6 M/J Exploratory Career Wheel 6		6-8	/S	ANY VOCATIONAL FIELD OR COVERAGE



## SECTION 6: Adult General Education Courses

### Adult General Education Courses

The following programs and courses in Section 6 are unique to Adult General Education and are therefore not included in Section 3. Descriptions of these courses are as follows:

1. Adult Basic Education (ABE): This program and courses are designed for the student to increase basic literacy skills in mathematics, reading and language at the grade level equivalency of 0-8.9 to improve employability in the state's workforce, and transition to higher levels of educational attainment and postsecondary training.
2. Adult Secondary Education: This term is used to describe programs and courses designed for the student to receive high school credit that leads to the award of a high school diploma or courses of instruction through which a student prepares to take the General Educational Developmental tests. Titles and descriptions are provided in a, b, and c below.

With certain exceptions, graduation requirements for adult and high school students are the same and therefore, secondary courses for both adults and regular high school students are the same.

- a. Adult High School (formerly General Education Promotion): These courses are designed for the student to obtain credits upon completion of courses and passing of state mandated assessments necessary to qualify for a high school diploma. Except as provided elsewhere in law, the graduation standard for adults shall be the same as those for secondary students.

Instruction is offered in general education subjects. This offering is designed to accommodate the needs of students instructed in more than one high school subject area who have withdrawn from the regular K-12 school system. Students will meet the performance standards of each individual subject taken in this course. The student will attain a level of educational accomplishment that meets his or her educational goal of successfully obtaining a state high school diploma.

- b. Adult High School-Co-Enrolled (formerly General Education Promotion (Co-Enrolled)): This program is designed for students currently enrolled in a K-12 program who enroll in an Adult High School course(s) under special circumstances to earn credits needed for high school graduation.
- c. General Educational Development Preparation (GED): These courses are designed to prepare adults at a 9.0 grade level or above to successfully complete the five GED subject area tests leading to qualification for a State of Florida high school diploma. The GED 2002 Series of Tests consists of the following five courses, (1) Language Arts: Writing, (2) Language Arts: Reading, (3) Social Studies, (4) Science, and (5) Mathematics (Pre-GED courses are designed for students functioning at the 6.0 -8.9 level).

*Note: GED Testing Requirement* - The following requirement shall govern eligibility of candidates who are not 18 years of age at the time of examination: According to rules of the local school board, persons who are at least 16 years of age may be permitted to take the tests under extraordinary circumstances, Rule 6A-6.012(5)(a), FAC.

3. Adult English for Speakers of Other Languages (ESOL)/Adult English as a Second Language (ESL): This program and courses are non-credit English language courses designed to improve the employability of students who desire to enter the state's workforce through acquisition of communication skills and cultural competencies which enhance the ability to read, write, speak and listen in English. The two terms are interchangeable.
4. Workplace Readiness for Limited English Proficient Adults: This program and course is designed to help working adults improve their English language skills in order to perform work-related tasks that require English.
5. Citizenship: This program and course is designed to prepare students for success in the Naturalization process required for all who have United States Citizenship as a goal. The content includes preparation for the Citizenship Test, by studying U.S. History, government, culture and symbols with specific emphasis on rights and responsibilities under the Constitution of the United States of America.
6. Academic Skills for Adult ESOL Learners: This program and course is designed as a bridge course between the Adult ESOL course and postsecondary education programs.
7. Literacy Skills for Adult ESOL Learners: This program and course is for persons who wish to learn to communicate in English, and who are in the beginning stages of learning to read and write for the first time in any language.
8. English Literacy for Career and Technical Education (ELCATE): This program and course is designed as a bridge course between the Low-Intermediate level of the Adult ESOL and the first level of Career and Technical educational courses.
9. Adults with Disabilities: This program and course is designed to provide specialized adult general education for students with disabilities who need intensive, ongoing support. Instruction in literacy, work-related behaviors, and daily living skills are provided that will enable the student to participate in home and community activities and reach desired personal goals including work.
10. Applied Academics for Adult Education (formerly Vocational-Preparatory Instruction): This course and program is designed for the student to attain academic and workforce readiness skills at the level of functional literacy (grade levels 6.0-8.9) or higher so that such persons may pursue certificate career and technical education or higher-level career and technical education. Pre-Applied Academics for Adult Education (formerly Pre-VPI courses are designed for students functioning at 5.9 and below).

## Adult General Education Priority Code for Workforce Development Program Reporting

The priority of service which enrollment of an adult student in an adult general education program represents:

Code	Definition
1	Adult students who demonstrate skills at less than a sixth grade educational level as measured by tests approved for this purpose by the State Board of Education, and who are studying to achieve basic literacy.
2	Adult students who demonstrate skills at or above the sixth grade level, but at or below the eighth grade level as measured by tests approved for this purpose by the State Board of Education, and who are studying to achieve functional literacy.
3	Adult students earning credit required for a high school diploma or preparing for the Test of General Educational Development (GED).
4	Adult students who have high school diplomas and require specific improvement in academic or learning skills before pursuing postsecondary education goals to obtain or maintain employment, or to benefit from postsecondary career and technical education programs.
5	Adult students who have high school diplomas and require specific improvements in academics or learning skills before pursuing postsecondary education goals, to pursue degree-credit collegiate education, or postsecondary career and technical degree programs.
6	Adult students enrolled in adult basic education or adult secondary education who have a high school diploma and do not demonstrate skills below the eighth grade level as assessed by an assessment instrument approved by the Department.

ADULT EDUCATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE	GRADE LEVEL/ COURSE LEVEL	CRSE LENGTH	CERTIFICATION
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ADULT EDUCATION

ADULT BASIC EDUCATION

9900000	ABE Adult Basic Education	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900001	ABE MATH Adult Basic Education Mathematics		/Z	
9900002	ABE READING Adult Basic Education Reading		/Z	
9900003	ABE LANGUAGE Adult Basic Education Language		/Z	
9900004	ABE COMPRE Adult Basic Education Comprehensive		/Z	

GENERAL EDUCATION-PROMOTION

9900010	ADULT HIGH SCHOOL Adult High School	30, 31	/Z	ANY FIELD ANY ACADEMIC COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900099	ADULT HS (CO-ENROLL) Adult High School, Co-Enrolled	9-12	/S	ANY ACADEMIC COVERAGE ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER ANY FIELD

GENERAL EDUCATIONAL DEVELOPMENT PREPARATION

9900020	GED PREP GED Preparation	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900021	GED PREP LA WRIT GED Preparatory Language Arts: Writing		/Z	
9900022	GED PREP SS GED Preparatory Social Studies		/Z	
9900023	GED PREP SCIENCE GED Preparatory Science		/Z	
9900024	GED PREP LA: READ GED Preparatory Language Arts: Reading		/Z	
9900025	GED PREP MATH GED Preparatory Mathematics		/Z	
9900026	GED PREP COMPRE GED Preparatory Comprehensive		/Z	

## ADULT EDUCATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE	GRADE LEVEL/ COURSE LEVEL	CRSE LENGTH	CERTIFICATION
9900120	PRE-GED PREP Pre-GED Preparation	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900121	PRE-GED PREP LA WRIT Pre-GED Preparation Language Arts: Writing		/Z	
9900122	PRE-GED PREP SS Pre-GED Preparation: Social Studies		/Z	
9900123	PRE-GED PREP SCIENCE Pre-GED Preparation: Science		/Z	
9900124	PRE-GED PREP LA READ Pre-GED Preparation Language Arts: Reading		/Z	
9900125	PRE-GED PREP MATH Pre-GED Preparation: Mathematics		/Z	
9900126	PRE-GED PREP COMPRE Pre-GED Preparation: Comprehensive		/Z	

## SENIOR ADULT LEARNERS

9900040	ADULT ESOL Adult English for Speakers of Other Languages	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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## ENGLISH FOR LIMITED ENGLISH PROFICIENT ADULTS

9900050	ENG LIT FOR C&T ED English Literacy for Career and Technical Education (ELCATE)	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900051	ACA SKLS ADULT ESOL Academic Skills for Adult ESOL Learners	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
9900300	LIT ADULT ESOL LRNRS Literacy for Adult ESOL Learners	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER

## WORKPLACE READINESS SKILLS

9900080	WKPL READINESS SKLS Workplace Readiness Skills (LEP)	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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ADULT EDUCATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE	GRADE LEVEL/ COURSE LEVEL	CRSE LENGTH	CERTIFICATION
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CITIZENSHIP

9900090	CITIZENSHIP Citi zenshi p	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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ADULTS WITH DISABILITIES

9900100	AD GEN ED/AD W/DISAB Adult General Education for Adults with Disabilities	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
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PRE-APPLIED ACADEMIC FOR ADULT EDUCATION – PRE-AAAE

S990000	PRE-AAAE Pre-Appl ied Academi cs for Adult Education	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
S990051	PRE-AAAE MATH Pre-Appl ied Academi cs for Adult Education Mathemati cs			
S990071	PRE-AAAE READ Pre-Appl ied Academi cs for Adult Education Readi ng			
S990061	PRE-AAAE LANG Pre-Appl ied Academi cs for Adult Education Language		/Z	
S990081	PRE-AAAE COMPRE Pre-Appl ied Academi cs for Adult Education Compre hensi ve		/Z	

APPLIED ACADEMICS FOR ADULT EDUCATION – AAAE

S990001	AAAE Appl ied Academi cs for Adult Education	30, 31	/Z	ANY FIELD WHEN CERT REFLECTS BACHELOR/HIGHER
S990011	AAAE MATH Appl ied Academi cs for Adult Education Mathemati cs			
S990021	AAAE READ Appl ied Academi cs for Adult Education Readi ng			
S990031	AAAE LANG Appl ied Academi cs for Adult Education Language		/Z	

## ADULT EDUCATION

PROGRAM/ COURSE NUMBER	ABBREVIATED TITLE PROGRAM/COURSE TITLE	GRADE LEVEL/ COURSE LEVEL	CRSE LENGTH	CERTIFICATION
S990041	AAAE COMPRE Applied Academics for Adult Education Comprehensive	/Z		