

Florida Department of Education  
Curriculum Framework

**Course Title:** Exploration of Criminal Justice Occupations  
**Course Type:** Orientation/Exploratory  
**Career Cluster:** Law, Public Safety & Security

**Secondary – Middle School**

Program Number	8900220
CIP Number	0743019904
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the <b>Course Structure</b> section.
CTSO	SkillsUSA, FPSA Inc.

**Purpose**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Law, Public Safety & Security career cluster. The student will be provided with basic information about the kinds of jobs and workers involved, the various career paths, occupational hazards, educational requirements, financial rewards, interpersonal and communication skills, and employability skills required. Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

**Additional Information** relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

**Course Structure**

This program is a planned sequence of instruction consisting of one course.

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course(s) listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
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Course Number	Course Title	Teacher Certification	Length
8900220	Exploration of Criminal Justice Occupations	LAW ENF @7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G	Semester

**Florida Standards for English Language Development (ELD)**

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills.

For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

## **Standards**

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Legal services career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Correction services career pathway.
- 05.0 Apply leadership and communication skills.
- 06.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 07.0 Use information technology tools.
- 08.0 Identify components of Criminal Investigations.
- 09.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

Florida Department of Education  
Student Performance Standards

**Course Title:** Exploration of Criminal Justice Occupations  
**Course Number:** 8900220  
**Course Credit:** Semester

**Course Description:**

The program of study explores the law enforcement system, the court system, the correctional system, the correctional probation system, public safety telecommunications and private security officer careers.

<b>CTE Standards and Benchmarks</b>	
01.0	Demonstrate an understanding of the Legal services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Legal services career pathway.
01.02	Describe some of the careers available in the Legal services career pathway.
01.03	Identify common characteristics of the careers in the Legal services career pathway.
01.04	Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Legal services career pathway.
01.06	Describe technologies associated in careers within the Legal services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.
03.0	Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

## CTE Standards and Benchmarks

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

04.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer
- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

04.03 Identify common characteristics of the careers in the Correction services career pathway.

04.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

04.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

## CTE Standards and Benchmarks

04.06 Describe technologies associated in careers within the Correction services career pathway.

05.0 Apply leadership and communication skills. – The student will be able to:

05.01 Discuss the establishment and history of the FPSA organization.

05.02 Identify the characteristics and responsibilities of organizational leaders.

05.03 Demonstrate parliamentary procedure skills during a meeting.

05.04 Participate on a committee which has an assigned task and report to the class.

05.05 Demonstrate effective communication skills through delivery of a speech, a powerpoint, or conducting a demonstration.

05.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

06.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

06.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:  
a. NCIC/FCIC  
b. CAD System in Dispatch  
c. Computer Forensics  
d. Encryption

06.02 Research information technology career for a presentation.

06.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:  
a. confidentiality  
b. personal information (personal computer use)

07.0 Use information technology tools. – The student will be able to:

07.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

07.02 Use e-mail clients to send simple messages and files to other Internet users.

07.03 Demonstrate ways to communicate effectively using Internet technology.

07.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

08.0 Identify components of Criminal Investigations.—The student will be able to:

08.01 Describe some careers available in criminal investigations to include:  
a. crime scene technician

## CTE Standards and Benchmarks

b. crime lab technician

08.02 Identify evidence is at a crime scene.

08.03 Describe how to collect evidence at a crime scene.

08.04 Demonstrate the skills for lifting latent prints.

08.05 Participate in processing a mock crime scene.

09.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

09.01 Define what a MDT (Mobile Data Terminal) and how it is used.

09.02 Describe the different types of dispatching organizations.

09.03 Identify the correct identification of the phonetic alphabet.

09.04 Identify and use proper radio procedures for communicating.

## **Additional Information**

### **Laboratory Activities**

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

### **Special Notes**

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

### **Career and Technical Student Organization (CTSO)**

SkillsUSA and FPSA are the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

### **Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.



Florida Department of Education  
Curriculum Framework

**Course Title:** Introduction to Law, Public Safety and Security  
**Course Type:** Orientation/Exploratory  
**Career Cluster:** Law, Public Safety and Security

**Secondary – Middle School**

Program Number	9160350
CIP Number	149160350M
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the <b><u>Course Structure</u></b> section.
CTSO	N/A

**Purpose**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Introduction to Law, Public Safety and Security career cluster. Thousands of challenging educational and training opportunities are offered in the highly skilled Law, Public Safety, Corrections and Security Career Cluster. These opportunities continue to expand in the areas of corporate, industrial, homeland security and public safety. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

**Additional Information** relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

## **Course Structure**

This program is a planned sequence of instruction consisting of one course.

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
9160350	Introduction to Law, Public Safety and Security	LAW ENF@7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G	Semester

## **Florida Standards for English Language Development (ELD)**

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

## **Standards**

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Emergency and fire management career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Legal services career pathway.
- 05.0 Demonstrate an understanding of the Correction services career pathway.
- 06.0 Apply leadership and communication skills.
- 07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 08.0 Use information technology tools.
- 09.0 Identify components of Criminal Investigations.
- 10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Introduction to Law, Public Safety and Security  
**Course Number:** 9160350  
**Course Credit:** Semester

**Course Description:**

Beginning with a broad overview of the Introduction to Law, Public Safety and Security career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Introduction to Law, Public Safety and Security career cluster. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

<b>CTE Standards and Benchmarks</b>	
01.0	Demonstrate an understanding of the Emergency and Fire Management Services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Emergency and Fire Management Services career pathway.
01.02	Describe some of the careers available in the Emergency and Fire Management Services career pathway.
01.03	Identify common characteristics of the careers in the Emergency and Fire Management Services career pathway.
01.04	Research the history of the Emergency and Fire Management Services career pathway and describe how the careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Emergency and Fire Management Services career pathway.
01.06	Describe technologies associated in careers within the Correction Services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.

## CTE Standards and Benchmarks

03.0 Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Legal services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Legal services career pathway.

04.02 Describe some of the careers available in the Legal services career pathway.

04.03 Identify common characteristics of the careers in the Legal services career pathway.

04.04 Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.

04.05 Identify skills required to successfully enter any career in the Legal services career pathway.

04.06 Describe technologies associated in careers within the Legal services career pathway.

05.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

05.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

05.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer

## CTE Standards and Benchmarks

- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

05.03 Identify common characteristics of the careers in the Correction services career pathway.

05.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

05.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

05.06 Describe technologies associated in careers within the Correction services career pathway.

06.0 Apply leadership and communication skills. – The student will be able to:

06.01 Discuss the establishment and history of the FPSA organization.

06.02 Identify the characteristics and responsibilities of organizational leaders.

06.03 Demonstrate parliamentary procedure skills during a meeting.

06.04 Participate on a committee which has an assigned task and report to the class.

06.05 Demonstrate effective communication skills through delivery of a speech, a powerpoint, or conducting a demonstration.

06.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

07.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:

- a. NCIC/FCIC
- b. CAD System in Dispatch
- c. Computer Forensics
- d. Encryption

07.02 Research information technology career for a presentation.

07.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:

- a. confidentiality

## CTE Standards and Benchmarks

b. personal information (personal computer use)

08.0 Use information technology tools. – The student will be able to:

08.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

08.02 Use e-mail clients to send simple messages and files to other Internet users.

08.03 Demonstrate ways to communicate effectively using Internet technology.

08.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

09.0 Identify components of Criminal Investigations.—The student will be able to:

09.01 Describe some careers available in criminal investigations to include:  
a. crime scene technician  
b. crime lab technician

09.02 Identify evidence is at a crime scene.

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10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

10.01 Define what a MDT (Mobile Data Terminal) and how it is used.

10.02 Describe the different types of dispatching organizations.

10.03 Identify the correct identification of the phonetic alphabet.

10.04 Identify and use proper radio procedures for communicating.

## **Additional Information**

### **Laboratory Activities**

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

### **Special Notes**

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

### **Career and Technical Student Organization (CTSO)**

FPSA is the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

### **Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

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Florida Department of Education  
Curriculum Framework

**Course Title:** Introduction to Law, Public Safety and Security and Career Planning\*  
**Course Type:** Orientation/Exploratory and Career Planning  
**Career Cluster:** Law, Public Safety and Security

**Secondary – Middle School**

Program Number	9160360
CIP Number	149160360M
Grade Level	6-8
Standard Length	Semester
Teacher Certification	Refer to the <b><u>Course Structure</u></b> section.
CTSO	N/A

\*Effective July 1, 2017, there is no longer a promotion requirement for middle grades students to complete a Career and Education Planning course. However, these courses will continue to be available and should be taught integrating the eight career and education planning course standards. The MyCareerShines powered by Kuder® career planning system is available free of charge to all Florida middle and high schools to assist students in exploring career options and developing an academic and career plan.

**Purpose**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Introduction to Law, Public Safety and Security career cluster. Thousands of challenging educational and training opportunities are offered in the highly skilled Law, Public Safety, and Security Career Cluster. These opportunities continue to expand in the areas of corporate, industrial, homeland security and public safety. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

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**Course Structure**

This program is a planned sequence of instruction consisting of one course.

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course(s) listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
9160360	Introduction to Law, Public Safety and Security and Career Planning	LAW ENF@7 7 G CORR OFF 7 G ANY PUB SERV OCC ED G	Semester

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## Standards

After successfully completing this program, the student will be able to perform the following:

- 01.0 Demonstrate an understanding of the Emergency and fire management career pathway.
- 02.0 Demonstrate an understanding of the Security and protective services career pathway.
- 03.0 Demonstrate an understanding of the Law enforcement services career pathway.
- 04.0 Demonstrate an understanding of the Legal services career pathway.
- 05.0 Demonstrate an understanding of the Correction services career pathway.
- 06.0 Apply leadership and communication skills.
- 07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster.
- 08.0 Use information technology tools.
- 09.0 Identify components of Criminal Investigations.
- 10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.

Listed below are the eight career and education planning course standards.

- 11.0 Describe the influences that societal, economic, and technological changes have on employment trends and future training.
- 12.0 Develop skills to locate, evaluate, and interpret career information.
- 13.0 Identify and demonstrate processes for making short and long term goals.
- 14.0 Demonstrate employability skills such as working in a group, problem-solving and organizational skills, and the importance of entrepreneurship.
- 15.0 Understand the relationship between educational achievement and career choices/postsecondary options.
- 16.0 Identify a career cluster and related pathways through an interest assessment that match career and education goals.
- 17.0 Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
- 18.0 Demonstrate knowledge of technology and its application in career fields/clusters.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Introduction to Law, Public Safety and Security and Career Planning  
**Course Number:** 9160360  
**Course Credit:** Semester

**Course Description:**

Beginning with a broad overview of the Introduction to Law, Public Safety and Security career cluster, students are introduced to the terminology, careers, history, required skills, and technologies associated with each pathway in the Introduction to Law, Public Safety and Security career cluster. Additionally, they will be provided with opportunities to acquire and demonstrate beginning leadership skills.

<b>CTE Standards and Benchmarks</b>	
01.0	Demonstrate an understanding of the Emergency and Fire Management Services career pathway. – The student will be able to:
01.01	Define and use proper terminology associated with the Emergency and Fire Management Services career pathway.
01.02	Describe some of the careers available in the Emergency and Fire Management Services career pathway.
01.03	Identify common characteristics of the careers in the Emergency and Fire Management Services career pathway.
01.04	Research the history of the Emergency and Fire Management Services career pathway and describe how the careers have evolved and impacted society.
01.05	Identify skills required to successfully enter any career in the Emergency and Fire Management Services career pathway.
01.06	Describe technologies associated in careers within the Correction Services career pathway.
02.0	Demonstrate an understanding of the Security and protective services career pathway. – The student will be able to:
02.01	Define and use proper terminology associated with the Security and protective services career pathway.
02.02	Describe some of the careers available in the Security and protective services career pathway.
02.03	Identify common characteristics of the careers in the Security and protective services career pathway.
02.04	Research the history of the Security and protective services career pathway and describe how the careers have evolved and impacted society.
02.05	Identify skills required to successfully enter any career in the Security and protective services career pathway.
02.06	Describe technologies associated in careers within the Security and protective services career pathway.

## CTE Standards and Benchmarks

03.0 Demonstrate an understanding of the Law enforcement services career pathway. – The student will be able to:

03.01 Define and use proper terminology associated with the Law enforcement services career pathway.

03.02 Describe some of the careers available in the Law enforcement services career pathway to include:

- a. Law Enforcement
- b. K-9
- c. Dispatch
- d. Traffic Enforcement
- e. Investigations
- f. Agriculture Officer
- g. Marine Patrol
- h. Aviation Officer

03.03 Research the history of the Law enforcement services career pathway and describe how the careers have evolved and impacted society from the 1970's to present day.

03.04 Identify skills required to successfully enter any career in the Law enforcement services career pathway to include:

- a. FBI Academy
- b. FLETC
- c. Florida Law Enforcement Academy

03.05 Describe technologies associated in careers within the Law enforcement services career pathway to include:

- a. Forensics
- b. Cyber Crime
- c. Crime Prevention

04.0 Demonstrate an understanding of the Legal services career pathway. – The student will be able to:

04.01 Define and use proper terminology associated with the Legal services career pathway.

04.02 Describe some of the careers available in the Legal services career pathway.

04.03 Identify common characteristics of the careers in the Legal services career pathway.

04.04 Research the history of the Legal services career pathway and describe how the associated careers have evolved and impacted society.

04.05 Identify skills required to successfully enter any career in the Legal services career pathway.

04.06 Describe technologies associated in careers within the Legal services career pathway.

05.0 Demonstrate an understanding of the Correction services career pathway. – The student will be able to:

05.01 Define and use proper terminology associated with the Correction services career pathway for officer level.

05.02 Describe some of the careers available in the Correction services career pathway to include:

- a. Officer

## CTE Standards and Benchmarks

- b. Probation
- c. Psychology
- d. Medical
- e. Social Services
- f. Food Services
- g. Gang Investigators

05.03 Identify common characteristics of the careers in the Correction services career pathway.

05.04 Research the history of the Correction services career pathway and describe how the careers have evolved and impacted society from 1970's to present.

05.05 Identify skills required to successfully enter any career in the Correction services career pathway to include:

- a. Prison Construction
- b. Digital Courts
- c. Audio/Visual Monitoring

05.06 Describe technologies associated in careers within the Correction services career pathway.

06.0 Apply leadership and communication skills. – The student will be able to:

06.01 Discuss the establishment and history of the FPSA organization.

06.02 Identify the characteristics and responsibilities of organizational leaders.

06.03 Demonstrate parliamentary procedure skills during a meeting.

06.04 Participate on a committee which has an assigned task and report to the class.

06.05 Demonstrate effective communication skills through delivery of a speech, a slide presentation, or conducting a demonstration.

06.06 Use a computer to assist in the completion of a project related to the Law, Public Safety and Security career cluster.

07.0 Describe how information technology is used in the Law, Public Safety and Security career cluster. – The student will be able to:

07.01 Identify information technology (IT) careers in the Law, Public Safety and Security career cluster, including the responsibilities, tasks and skills they require to include:

- a. NCIC/FCIC
- b. CAD System in Dispatch
- c. Computer Forensics
- d. Encryption

07.02 Research information technology career for a presentation.

07.03 Identify security-related ethical and legal IT issues faced by professionals in the Law, Public Safety and Security career cluster to include:

- a. confidentiality

## CTE Standards and Benchmarks

b. personal information (personal computer use)

08.0 Use information technology tools. – The student will be able to:

08.01 Identify the functions of web browsers, and use them to access the World Wide Web and other computer resources typically used in Law, Public Safety and Security career cluster.

08.02 Use e-mail clients to send simple messages and files to other Internet users.

08.03 Demonstrate ways to communicate effectively using Internet technology.

08.04 Use different types of web search engines effectively to locate information relevant to the Law, Public Safety and Security career cluster.

09.0 Identify components of Criminal Investigations.—The student will be able to:

09.01 Describe some careers available in criminal investigations to include:  
a. crime scene technician  
b. crime lab technician

09.02 Identify evidence is at a crime scene.

09.03 Describe how to collect evidence at a crime scene.

09.04 Demonstrate the skills for lifting latent prints.

09.05 Participate in processing a mock crime scene.

10.0 Describe and use communication protocols for Law, Public Safety & Security career cluster.-- The student will be able to:

10.01 Define what a MDT (Mobile Data Terminal) and how it is used.

10.02 Describe the different types of dispatching organizations.

10.03 Identify the correct identification of the phonetic alphabet.

10.04 Identify and use proper radio procedures for communicating.

### **Listed below are the eight career and education planning course standards:**

The student will be able to:

11.0 Describe the influences that societal, economic, and technological changes have on employment trends and future training.

12.0 Develop skills to locate, evaluate, and interpret career information.

## CTE Standards and Benchmarks

13.0	Identify and demonstrate processes for making short and long term goals.
14.0	Demonstrate employability skills such as working in a group, problem-solving and organizational skills.
15.0	Understand the relationship between educational achievement and career choices/postsecondary options.
16.0	Identify a career cluster and related pathways that match career and education goals.
17.0	Develop a career and education plan that includes short and long-term goals, high school program of study, and postsecondary/career goals.
18.0	Demonstrate knowledge of technology and its application in career fields/clusters.



## **Additional Information**

### **Laboratory Activities**

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

### **Special Notes**

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

### **Career and Technical Student Organization (CTSO)**

FPSA is the inter-curricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

### **Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

In addition to accommodations, some secondary students with disabilities (students with an IEP served in Exceptional Student Education (ESE)) will need modifications to meet their needs. Modifications change the outcomes or what the student is expected to learn, e.g., modifying the curriculum of a secondary career and technical education course. Note: postsecondary curriculum and regulated secondary programs cannot be modified.

Florida Department of Education  
Curriculum Framework

**Course Title:** Orientation to Career Clusters  
**Course Type:** Orientation/Exploratory

**Secondary – Middle School**

Course Number	8000400
CIP Number	1498999907
Grade Level	6 – 8
Standard Length	Semester
Teacher Certification	Refer to the <b>Course Structure</b> section.
CTSO	Any CTSO as appropriate

**Purpose**

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the seventeen career clusters. This course is a compilation of modules for each of the seventeen career clusters and is designed to provide flexibility in course offerings. Any number of modules can be selected to comprise a course that meets the needs of the students.

The content includes, but is not limited to, the orientation of students to career pathways in the career and technical education field. Reinforcement of academic skills occurs through classroom instruction and applied laboratory procedures. This course is recommended for students in the sixth grade, but not required.

Instruction and learning activities are provided in a laboratory setting using hands-on experiences with the equipment, materials and technology appropriate to the course content and in accordance with current practices.

**Additional Information** relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

**Course Structure**

The length of this course is one semester. It may be offered for two semesters when appropriate. When offered for one semester, it is recommended that it be at the exploratory level and more in-depth when offered for two semesters.

To teach the course(s) listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the course structure:

Course Number	Course Title	Teacher Certification	Length
8000400	Orientation to Career Clusters	ANY FIELD	Semester

**Florida Standards for English Language Development (ELD)**

English language learners communicate for social and instructional purposes within the school setting. ELD.K12.SI.1.1

English Language Development (ELD) Standards Special Notes:

Teachers are required to provide listening, speaking, reading and writing instruction that allows English language learners (ELL) to communicate for social and instructional purposes within the school setting. For the given level of English language proficiency and with visual, graphic, or interactive support, students will interact with grade level words, expressions, sentences and discourse to process or produce language necessary for academic success. The ELD standard should specify a relevant content area concept or topic of study chosen by curriculum developers and teachers which maximizes an ELL's need for communication and social skills. For additional information on the development and implementation of the ELD standards, please contact the Bureau of Student Achievement through Language Acquisition.

## **Standards**

After successfully completing this course, the student will be able to perform the following:

- 01.0 Identify Florida's seventeen career clusters.
- 02.0 Identify and explore careers in the Agriculture, Food & Natural Resources cluster.
- 03.0 Identify and explore careers in the Architecture & Construction cluster.
- 04.0 Identify and explore careers in the Arts, A/V Technology & Communication cluster.
- 05.0 Identify and explore careers in the Business Management & Administration cluster.
- 06.0 Identify and explore careers in the Education & Training cluster.
- 07.0 Identify and explore careers in the Energy cluster.
- 08.0 Identify and explore careers in the Finance cluster.
- 09.0 Identify and explore careers in the Government & Public Administration cluster.
- 10.0 Identify and explore careers in the Health Science cluster.
- 11.0 Identify and explore careers in the Hospitality and Tourism cluster.
- 12.0 Identify and explore careers in the Human Services cluster.
- 13.0 Identify and explore careers in the Information Technology cluster.
- 14.0 Identify and explore careers in the Law, Public Safety & Security cluster.
- 15.0 Identify and explore careers in the Manufacturing cluster.
- 16.0 Identify and explore careers in the Marketing, Sales & Service cluster.
- 17.0 Identify and explore careers in the Engineering and Technology Education cluster.
- 18.0 Identify and explore careers in the Transportation, Distribution & Logistics cluster.
- 19.0 Describe leadership skills.

**Florida Department of Education  
Student Performance Standards**

**Course Title:** Orientation to Career Clusters  
**Course Number:** 8000400  
**Course Credit:** Semester

**Course Description:**

This course is a broad overview of the seventeen career clusters offered in Florida. This course provides hands-on introductory activities for each career cluster as well as opportunities to acquire and demonstrate beginning leadership skills.

<b>CTE Standards and Benchmarks</b>	
01.0	Identify Florida’s seventeen career clusters – the student will be able to:
01.01	List Florida’s seventeen career clusters.
01.02	Research the national career clusters website.
01.03	Identify the Career and Technical Student Organizations (CTSO) appropriate for Career and Technical Education (CTE) programs.
01.04	Explain the purpose of a CTSO.
02.0	Identify and explore careers in the Agriculture, Food & Natural Resources cluster – the student will be able to:
02.01	Identify the pathways in the Agriculture, Food & Natural Resources career cluster and the careers in each pathway.
02.02	Describe the types of places that employ individuals who have careers in the Agriculture, Food & Natural Resources career cluster.
02.03	Describe the variety of tasks performed by individuals who have careers in the Agriculture, Food & Natural Resources career cluster.
02.04	List the skills, abilities, and talents needed for careers in the Agriculture, Food & Natural Resources career cluster.
02.05	Identify the level of training and education required for careers in the Agriculture, Food & Natural Resources career cluster.
02.06	Research a career in the Agriculture, Food & Natural Resources career cluster and present findings to the class.
02.07	Apply math, science, and reading skills in the completion of a project or activity related to the Agriculture, Food & Natural Resources career cluster.
03.0	Identify and explore careers in the Architecture & Construction cluster – the student will be able to:
03.01	Identify the pathways in the Architecture & Construction career cluster and the careers in each pathway.

## CTE Standards and Benchmarks

03.02 Describe the types of places that employ individuals who have careers in the Architecture & Construction career cluster.

03.03 Describe the variety of tasks performed by individuals who have careers in the Architecture & Construction career cluster.

03.04 List the skills, abilities, and talents needed for careers in the Architecture & Construction career cluster.

03.05 Identify the level of training and education required for careers in the Architecture & Construction career cluster.

03.06 Research a career in the Architecture & Construction career cluster and present findings to the class.

03.07 Apply math, science, and reading skills in the completion of a project or activity related to the Architecture & Construction career cluster.

04.0 Identify and explore careers in the Arts, A/V Technology & Communication cluster – the student will be able to:

04.01 Identify the pathways in the Arts, A/V Technology & Communication career cluster and the careers in each pathway.

04.02 Describe the types of places that employ individuals who have careers in the Arts, A/V Technology & Communication career cluster.

04.03 Describe the variety of tasks performed by individuals who have careers in the Arts, A/V Technology & Communication career cluster.

04.04 List the skills, abilities, and talents needed for careers in the Arts, A/V Technology & Communication career cluster.

04.05 Identify the level of training and education required for careers in the Arts, A/V Technology & Communication career cluster.

04.06 Research a career in the Arts, A/V Technology & Communication career cluster and present findings to the class.

04.07 Apply math, science, and reading skills in the completion of a project or activity related to the Arts, A/V Technology & Communication career cluster.

05.0 Identify and explore careers in the Business, Management & Administration cluster – the student will be able to:

05.01 Identify the pathways in the Business, Management & Administration career cluster and the careers in each pathway.

05.02 Describe the types of places that employ individuals who have careers in the Business Management & Administration career cluster.

05.03 Describe the variety of tasks performed by individuals who have careers in the Business Management & Administration career cluster.

05.04 List the skills, abilities, and talents needed for careers in the Business Management & Administration career cluster.

05.05 Identify the level of training and education required for careers in the Business Management & Administration career cluster.

05.06 Research a career in the Business Management & Administration career cluster and present findings to the class.

05.07 Apply math, science, and reading skills in the completion of a project or activity related to the Business Management & Administration career cluster.

## CTE Standards and Benchmarks

06.0 Identify and explore careers in the Education & Training cluster – the student will be able to:

06.01 Identify the pathways in the Education & Training career cluster and the careers in each pathway.

06.02 Describe the types of places that employ individuals who have careers in the Education & Training career cluster.

06.03 Describe the variety of tasks performed by individuals who have careers in the Education & Training career cluster.

06.04 List the skills, abilities, and talents needed for careers in the Education & Training career cluster.

06.05 Identify the level of training and education required for careers in the Education & Training career cluster.

06.06 Research a career in the Education & Training career cluster and present findings to the class.

06.07 Apply math, science, and reading skills in the completion of a project or activity related to the Education & Training career cluster.

07.0 Identify and explore careers in the Energy cluster – the student will be able to:

07.01 Identify the pathways in the Energy career cluster and the careers in each pathway.

07.02 Describe the types of places that employ individuals who have careers in the Energy career cluster.

07.03 Describe the variety of tasks performed by individuals who have careers in the Energy career cluster.

07.04 List the skills, abilities, and talents needed for careers in the Energy career cluster.

07.05 Identify the level of training and education required for careers in the Energy career cluster.

07.06 Research a career in the Energy career cluster and present findings to the class.

07.07 Apply math, science, and reading skills in the completion of a project or activity related to the Energy career cluster.

08.0 Identify and explore careers in the Finance cluster – the student will be able to:

08.01 Identify the pathways in the Finance career cluster and the careers in each pathway.

08.02 Describe the types of places that employ individuals who have careers in the Finance career cluster.

08.03 Describe the variety of tasks performed by individuals who have careers in the Finance career cluster.

08.04 List the skills, abilities, and talents needed for careers in the Finance career cluster.

08.05 Identify the level of training and education required for careers in the Finance career cluster.

08.06 Research a career in the Finance career cluster and present findings to the class.

## CTE Standards and Benchmarks

08.07 Apply math, science, and reading skills in the completion of a project or activity related to the Finance career cluster.

09.0 Identify and explore careers in the Government & Public Administration cluster – the student will be able to:

09.01 Identify the pathways in the Government & Public Administration career cluster and the careers in each pathway.

09.02 Describe the types of places that employ individuals who have careers in the Government & Public Administration career cluster.

09.03 Describe the variety of tasks performed by individuals who have careers in the Government & Public Administration career cluster.

09.04 List the skills, abilities, and talents needed for careers in the Government & Public Administration career cluster.

09.05 Identify the level of training and education required for careers in the Government & Public Administration career cluster.

09.06 Research a career in the Government & Public Administration career cluster and present findings to the class.

09.07 Apply math, science, and reading skills in the completion of a project or activity related to the Government & Public Administration career cluster.

10.0 Identify and explore careers in the Health Science cluster – the student will be able to:

10.01 Identify the pathways in the Health Science career cluster and the careers in each pathway.

10.02 Describe the types of places that employ individuals who have careers in the Health Science career cluster.

10.03 Describe the variety of tasks performed by individuals who have careers in the Health Science career cluster.

10.04 List the skills, abilities, and talents needed for careers in the Health Science career cluster.

10.05 Identify the level of training and education required for careers in the Health Science career cluster.

10.06 Research a career in the Health Science career cluster and present findings to the class.

10.07 Apply math, science, and reading skills in the completion of a project or activity related to the Health Science career cluster.

11.0 Identify and explore careers in the Hospitality & Tourism cluster – the student will be able to:

11.01 Identify the pathways in the Hospitality & Tourism career cluster and the careers in each pathway.

11.02 Describe the types of places that employ individuals who have careers in the Hospitality & Tourism career cluster.

11.03 Describe the variety of tasks performed by individuals who have careers in the Hospitality & Tourism career cluster.

11.04 List the skills, abilities, and talents needed for careers in the Hospitality & Tourism career cluster.

11.05 Identify the level of training and education required for careers in the Hospitality & Tourism career cluster.



## CTE Standards and Benchmarks

11.06 Research a career in the Hospitality & Tourism career cluster and present findings to the class.

11.07 Apply math, science, and reading skills in the completion of a project or activity related to the Hospitality & Tourism career cluster.

12.0 Identify and explore careers in the Human Services cluster – the student will be able to:

12.01 Identify the pathways in the Human Services career cluster and the careers in each pathway.

12.02 Describe the types of places that employ individuals who have careers in the Human Services career cluster.

12.03 Describe the variety of tasks performed by individuals who have careers in the Human Services career cluster.

12.04 List the skills, abilities, and talents needed for careers in the Human Services career cluster.

12.05 Identify the level of training and education required for careers in the Human Services career cluster.

12.06 Research a career in the Human Services career cluster and present findings to the class.

12.07 Apply math, science, and reading skills in the completion of a project or activity related to the Human Services career cluster.

13.0 Identify and explore careers in the Information Technology cluster – the student will be able to:

13.01 Identify the pathways in the Information Technology career cluster and the careers in each pathway.

13.02 Describe the types of places that employ individuals who have careers in the Information Technology career cluster.

13.03 Describe the variety of tasks performed by individuals who have careers in the Information Technology career cluster.

13.04 List the skills, abilities, and talents needed for careers in the Information Technology career cluster.

13.05 Identify the level of training and education required for careers in the Information Technology career cluster.

13.06 Research a career in the Information Technology career cluster and present findings to the class.

13.07 Apply math, science, and reading skills in the completion of a project or activity related to the Information Technology career cluster.

14.0 Identify and explore careers in the Law, Public Safety & Security cluster–The student will be able to:

14.01 Identify the pathways in the Law, Public Safety & Security career cluster and the careers in each pathway.

14.02 Describe the types of places that employ individuals who have careers in the Law, Public Safety & Security career cluster.

14.03 Describe the variety of tasks performed by individuals who have careers in the Law, Public Safety & Security career cluster.

14.04 List the skills, abilities, and talents needed for careers in the Law, Public Safety & Security career cluster.

## CTE Standards and Benchmarks

14.05 Identify the level of training and education required for careers in the Law, Public Safety & Security career cluster.

14.06 Research a career in the Law, Public Safety & Security career cluster and present findings to the class.

14.07 Apply math, science, and reading skills in the completion of a project or activity related to the Law, Public Safety & Security career cluster.

15.0 Identify and explore careers in the Manufacturing cluster – the student will be able to:

15.01 Identify the pathways in the Manufacturing career cluster and the careers in each pathway.

15.02 Describe the types of places that employ individuals who have careers in the Manufacturing career cluster.

15.03 Describe the variety of tasks performed by individuals who have careers in the Manufacturing career cluster.

15.04 List the skills, abilities, and talents needed for careers in the Manufacturing career cluster.

15.05 Identify the level of training and education required for careers in the Manufacturing career cluster.

15.06 Research a career in the Manufacturing career cluster and present findings to the class.

15.07 Apply math, science, and reading skills in the completion of a project or activity related to the Manufacturing career cluster.

16.0 Identify and explore careers in the Marketing, Sales & Service cluster – the student will be able to:

16.01 Identify the pathways in the Marketing, Sales & Service career cluster and the careers in each pathway.

16.02 Describe the types of places that employ individuals who have careers in the Marketing, Sales & Service career cluster.

16.03 Describe the variety of tasks performed by individuals who have careers in the Marketing, Sales & Service career cluster.

16.04 List the skills, abilities, and talents needed for careers in the Marketing, Sales & Service career cluster.

16.05 Identify the level of training and education required for careers in the Marketing, Sales & Service career cluster.

16.06 Research a career in the Marketing, Sales & Service career cluster and present findings to the class.

16.07 Apply math, science, and reading skills in the completion of a project or activity related to the Marketing, Sales & Service career cluster.

17.0 Identify and explore careers in Engineering and Technology Education – the student will be able to:

17.01 Identify the pathways in Engineering and Technology Education.

17.02 Describe the types of places that employ individuals who have careers in Engineering and Technology Education.

17.03 Describe the variety of tasks performed by individuals who have careers in Engineering and Technology Education.

## CTE Standards and Benchmarks

17.04 List the skills, abilities, and talents needed for careers in Engineering and Technology Education.

17.05 Identify the level of training and education required for careers in Engineering and Technology Education.

17.06 Research a career in Engineering and Technology Education and present findings to the class.

17.07 Apply math, science, and reading skills in the completion of a project or activity related to the Engineering and Technology Education.

18.0 Identify and explore careers in the Transportation & Logistics cluster – the student will be able to:

18.01 Identify the pathways in the Transportation & Logistics career cluster and the careers in each pathway.

18.02 Describe the types of places that employ individuals who have careers in the Transportation & Logistics career cluster.

18.03 Describe the variety of tasks performed by individuals who have careers in the Transportation & Logistics career cluster.

18.04 List the skills, abilities, and talents needed for careers in the Transportation & Logistics career cluster.

18.05 Identify the level of training and education required for careers in the Transportation & Logistics career cluster.

18.06 Research a career in the Transportation & Logistics career cluster and present findings to the class.

18.07 Apply math, science, and reading skills in the completion of a project or activity related to the Transportation & Logistics career cluster.

19.0 Describe leadership skills – the student will be able to:

19.01 Identify the Career and Technical Student Organization(s) that are appropriate for CTE programs in each of the career clusters.

19.02 Describe the leadership opportunities available to members of the CTSOs identified above.

19.03 Investigate the CTSOs at your school and/or in your school district (e.g., membership requirements, dues, activities, events).

## **Additional Information**

### **Laboratory Activities**

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

### **Special Notes**

MyCareerShines is an interactive resource to assist students in identifying their ideal career and to enhance preparation for employment. Teachers are encouraged to integrate this resource into the program curriculum to meet the employability goals for each student.

### **Career and Technical Student Organization (CTSO)**

The Florida Technology Student Association (FL-TSA) is the intercurricular career and technical student organization for providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.

### **Accommodations**

Federal and state legislation requires the provision of accommodations for students with disabilities as identified on the secondary student's Individual Educational Plan (IEP) or 504 plan or postsecondary student's accommodations' plan to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of the accommodations requested and provided should be maintained in a confidential file.

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