

Course Number:	1800300
Course Title:	Air Force: Aerospace Science 1
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AERO SCI 1
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the AFJROTC, individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Aerospace Technologies Program):</u></p> <p>18.0 Demonstrate an understanding of the history and development of aviation and space transportation.</p> <p><u>18.01</u> Describe early attempts at flight prior to the Wright Brothers flight in 1902.</p> <p><u>18.02</u> Outline the early attempts at heavier than air powered flight.</p> <p><u>18.03</u> Describe the affect of air power on the outcome of world conflict.</p> <p><u>18.05</u> Outline the beginnings of commercial aviation.</p> <p><u>18.06</u> Identify the early research centers for aeronautics in the United States.</p>
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the

	cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SS.912.A.2.1	Review causes and consequences of the Civil War.
SS.912.A.2.2	Assess the influence of significant people or groups on Reconstruction.

SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.A.4.7	Examine the impact of airplanes, battleships, new weaponry and chemical warfare in creating new war strategies (trench warfare, convoys).
SS.912.A.6.1	Examine causes, course, and consequences of World War II on the United States and the world.
SS.912.A.6.5	Explain the impact of World War II on domestic government policy.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).

Course Number:	1803330
Course Title:	Marine Corps: Leadership Education 4
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	MC LEAD ED 4
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop a broad range of advanced skills and knowledge, with opportunities for total development in leadership. This course enables students to develop good citizenship, self-discipline, and respect for constituted authority through character-building activities. The Marine Corps JROTC provides military instruction in a learning environment useful to students in a future military or civilian career.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.SL.2.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-IC.2	Make inferences and justify conclusions from sample surveys, experiments, and observational studies
MACC.912.S-IC.2.6	Evaluate reports based on data.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.2	Assess refusal, negotiation, and collaboration skills to enhance health and avoid or reduce health risks.
HE.912.B.2.3	Demonstrate strategies to prevent, manage, or resolve interpersonal conflicts without harming self or others.

HE.912.B.2.4	Analyze the validity of ways to ask for and offer assistance to enhance the health of self and others.
HE.912.B.3.3	Assess whether individual or collaborative decision-making is needed to make a healthy decision.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
LA.910.2.2.3	The student will organize information to show understanding or relationships among facts, ideas, and events (e.g., representing key points within text through charting, mapping, paraphrasing, summarizing, comparing, contrasting, outlining).
LA.910.5.2.2	The student will research and organize information for oral communication appropriate for the occasion, audience, and purpose (e.g., class discussions, entertaining, informative, persuasive, or technical presentations).
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
SS.912.A.7.2	Compare the relative prosperity between different ethnic groups and social classes in the post World War II period.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.1	Evaluate the constitutional provisions establishing citizenship, and assess the criteria among citizens by birth, naturalized citizens, and non-citizens.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.5	Conduct a service project to further the public good.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.

Course Number:	1803320
Course Title:	Marine Corps: Leadership Education 3
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	MC LEAD ED 3
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop a broad range of advanced skills and knowledge, with opportunities for total development in leadership. This course further enables students to develop good citizenship, self-discipline, and respect for constituted authority through character-building activities. The Marine Corps JROTC provides military instruction in a learning environment useful to students in a future military or civilian career.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.SL.2.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-IC.2	Make inferences and justify conclusions from sample surveys, experiments, and observational studies
MACC.912.S-IC.2.6	Evaluate reports based on data.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.2	Assess refusal, negotiation, and collaboration skills to enhance health and avoid or reduce health risks.
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.

HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
SS.912.A.7.2	Compare the relative prosperity between different ethnic groups and social classes in the post World War II period.
SS.912.A.7.15	Analyze the effects of foreign and domestic terrorism on the American people.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.1	Evaluate the constitutional provisions establishing citizenship, and assess the criteria among citizens by birth, naturalized citizens, and non-citizens.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.5	Conduct a service project to further the public good.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.

Course Number:	1803310
Course Title:	Marine Corps: Leadership Education 2
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	MC LEAD ED 2
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop a broad range of intermediate level skills and knowledge, with opportunities for total development in leadership. This course enables students to develop positive attitudes, good citizenship, and patriotism through character-building activities. The Marine Corps JROTC provides military instruction in a learning environment useful to students in a future military or civilian career.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.SL.2.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.

HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
SS.912.A.7.2	Compare the relative prosperity between different ethnic groups and social classes in the post World War II period.
SS.912.A.7.15	Analyze the effects of foreign and domestic terrorism on the American people.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.1	Evaluate the constitutional provisions establishing citizenship, and assess the criteria among citizens by birth, naturalized citizens, and non-citizens.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.5	Conduct a service project to further the public good.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.

Course Number:	1803300
Course Title:	Marine Corps: Leadership Education 1
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	MC LEAD ED 1
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop a broad range of basic skills and knowledge, with opportunities for total development in leadership. This course further enables students to develop positive attitudes, good citizenship, and patriotism through character-building activities. The Marine Corps JROTC provides military instruction in a learning environment useful to students in a future military or civilian career.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.SL.2.6	Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.

HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.1	Evaluate the constitutional provisions establishing citizenship, and assess the criteria among citizens by birth, naturalized citizens, and non-citizens.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.5	Conduct a service project to further the public good.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).

Course Number:	1802330
Course Title:	Naval Science 4
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	NAVAL SCI 4
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop leadership skills including knowledge of individual needs and group dynamics, leadership principles and responsibilities, and effective communication strategies.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.2	Assess refusal, negotiation, and collaboration skills to enhance health and avoid or reduce health risks.
HE.912.B.2.3	Demonstrate strategies to prevent, manage, or resolve interpersonal conflicts without harming self or others.
HE.912.B.3.1	Determine the value of applying a thoughtful decision-making process in health-related situations.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.C.1.2	Interpret the interrelationships of mental/emotional, intellectual, physical, and social health.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.4	Evaluate how public health policies and government regulations can influence health promotion and disease prevention.

HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.2.3	Work cooperatively as an advocate for improving personal, family, and community health.
PE.912.C.1.20	Know various ways in which physical conflict can be resolved appropriately.
PE.912.M.1.5	Apply strategies for self improvement based on individual strengths and needs.
SS.912.C.2.3	Experience the responsibilities of citizens at the local, state, or federal levels.
SS.912.C.2.5	Conduct a service project to further the public good.
SS.912.C.2.8	Analyze the impact of citizen participation as a means of achieving political and social change.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.

Course Number:	1802320
Course Title:	Naval Science 3
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	NAVAL SCI 3
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to further develop understanding the importance of sea power and national security, naval operations and support functions, military law, international law, and the sea. This course will also enable students to develop understanding of the technical area of naval science study.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
SC.912.L.17.2	Explain the general distribution of life in aquatic systems as function of chemistry, geography, light, depth, salinity, and temperature.
SC.912.L.17.3	Discuss how various oceanic and freshwater processes, such as currents, tides, and waves, affect the abundance of aquatic organisms.
SC.912.P.10.1	Differentiate among the various forms of energy and recognize that they can be transformed from one form to another.
SC.912.E.6.5	Describe the geological development of the present day oceans and identify commonly found features.
SC.912.E.7.2	Analyze the causes of the various kinds of surface and deep water motion within the oceans and their impacts on the transfer of energy between the poles and the equator.
SC.912.E.7.4	Summarize the conditions that contribute to the climate of a geographic

	area, including the relationships to lakes and oceans.
SC.912.E.7.7	Identify, analyze, and relate the internal (Earth system) and external (astronomical) conditions that contribute to global climate change.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.
SS.912.G.4.2	Use geographic terms and tools to analyze the push/pull factors contributing to human migration within and among places.

Course Number:	1802310
Course Title:	Naval Science 2
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	NAVAL SCI 2
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to engender a sound appreciation of the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future. This course will also enable students to develop a sense of pride in his/her organization, associates, and self. This course will further enable students to develop understanding of maritime geography as it relates to our natural resources, landforms, climate, soil, bodies of water, people, governments, the military, and geopolitics.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SC.912.L.17.2	Explain the general distribution of life in aquatic systems as a function of chemistry, geography, light, depth, salinity, and temperature.
SC.912.L.17.3	Discuss how various oceanic and freshwater processes, such as currents, tides, and waves, affect the abundance of aquatic organisms.
SC.912.P.10.1	Differentiate among the various forms of energy and recognize that they can be transformed from one form to another.

SC.912.E.5.2	Identify patterns in the organization and distribution of matter in the universe and the forces that determine them.
SC.912.E.6.4	Analyze how specific geological processes and features are expressed in Florida and elsewhere.
SC.912.E.6.5	Describe the geological development of the present day oceans and identify commonly found features.
SC.912.E.7.2	Analyze the causes of the various kinds of surface and deep water motion within the oceans and their impacts on the transfer of energy between the poles and the equator.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.
SS.912.G.4.2	Use geographic terms and tools to analyze the push/pull factors contributing to human migration within and among places.

Course Number:	1802300
Course Title:	Naval Science 1
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	NAVAL SCI 1
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course will also enable students to develop appreciation for the heritage and traditions of America, to recognize the importance of the role of sea power in America's future, and to develop a sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.

PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
PE.912.R.2.1	Select and participate in a variety of physical activities outside of the school setting that contribute to personal enjoyment and the attainment or maintenance of a healthy lifestyle.
SS.912.A.2.1	Review causes and consequences of the Civil War.
SS.912.A.2.2	Assess the influence of significant people or groups on Reconstruction.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.
SS.912.G.4.2	Use geographic terms and tools to analyze the push/pull factors contributing to human migration within and among places.

Course Number:	1801330
Course Title:	Army: Leadership Development and Training 4
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AR LEAD ED/TRAIN 4
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 3. This course focuses on creating a positive leadership situation, negotiating, decision making, problem solving, team development, project management, and mentoring. Students will demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. The course teaches cadets how to use emotional intelligence in leadership situations as well as how to maintain a positive attitude. It provides instruction on etiquette, daily planning, financial planning, and careers. It includes requirements for the practical application of leadership duties. It emphasizes physical fitness through healthy individual and group competition. The interactions between groups of people and how they affect the area's cultural, economic, and political characteristics are discussed. Concepts of democracy and freedom and their influence on local governments are also included.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p>

	<p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>
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RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology’s capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.

MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.2	Interpret the interrelationships of mental/emotional, intellectual, physical, and social health.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.1.4	Justify when professional health services or providers may be required.
HE.912.B.2.2	Assess refusal, negotiation, and collaboration skills to enhance health and avoid or reduce health risks.
HE.912.B.2.4	Analyze the validity of ways to ask for and offer assistance to enhance the health of self and others.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
MA.912.F.4.1	Develop personal budgets that fit within various income brackets.
MA.912.F.4.4	Establish a plan to pay off debt.
MA.912.F.4.8	Collect, organize, and interpret data to determine an effective retirement savings plan to meet personal financial goals.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
PE.912.R.2.1	Select and participate in a variety of physical activities outside of the school setting that contribute to personal enjoyment and the attainment or maintenance of a healthy lifestyle.
SS.912.A.1.2	Utilize a variety of primary and secondary sources to identify author, historical significance, audience, and authenticity to understand a historical period.
SS.912.A.6.1	Examine causes, course, and consequences of World War II on the United States and the world.

SS.912.A.6.5	Explain the impact of World War II on domestic government policy.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.

Course Number:	1801320
Course Title:	Army: Leadership Development and Training 3
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AR LEAD ED/TRAIN 3
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 2. This course allows cadets to investigate the interrelationships of the services while they continue to build their leadership development and decision-making skills. It includes negotiation skills and management principles. It emphasizes staff procedures and opportunities to handle various leadership situations as well as prevent violence and manage anger. The research, identification, planning, and execution of service learning activities are included. This course gives cadets the opportunity to apply basic concepts of strategies for career exploration and planning. It teaches how to create a career portfolio and plan for college or work. Financial management principles are studied. Skills for orienteering and/or land navigation are developed. The course also includes studies in the federal judicial system and how historical events have shaped social systems.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve</p>

	<p>problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>
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RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology’s capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-	(+) Use probability to evaluate outcomes of decisions. Analyze decisions

MD.2.7	and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.2	Interpret the interrelationships of mental/emotional, intellectual, physical, and social health.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.1.4	Justify when professional health services or providers may be required.
HE.912.B.2.2	Assess refusal, negotiation, and collaboration skills to enhance health and avoid or reduce health risks.
HE.912.B.2.4	Analyze the validity of ways to ask for and offer assistance to enhance the health of self and others.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
MA.912.F.4.1	Develop personal budgets that fit within various income brackets.
MA.912.F.4.4	Establish a plan to pay off debt.
MA.912.F.4.8	Collect, organize, and interpret data to determine an effective retirement savings plan to meet personal financial goals.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
PE.912.R.2.1	Select and participate in a variety of physical activities outside of the school setting that contribute to personal enjoyment and the attainment or maintenance of a healthy lifestyle.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers,

	republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.E.1.15	Describe the risk and return profiles of various investment vehicles and the importance of diversification.
SS.912.E.2.11	Assess the economic impact of negative and positive externalities on the local, state, and national environment.
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.

Course Number:	1801310
Course Title:	Army: Leadership Development and Training 2
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AR LEAD ED/TRAIN 2
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to expand on skills taught in Leadership Education and Training 1. This course introduces the concepts of equal opportunity, fair treatment of minorities, and prevention of sexual harassment. It provides instruction on leadership skills, leadership theories, as well as the basic principles of managements. It provides self assessments that help students determine their skill sets and opportunities to teach using accepted principles and methods of instruction. It emphasizes community projects to assist in drug prevention efforts. It also includes dietary guidelines, fitness, and map reading and orienteering skills. It discusses the significant events that helped shape and develop the Constitution and government and teachers the role of political parties in the election process.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve</p>

	<p>conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*

HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
PE.912.R.2.1	Select and participate in a variety of physical activities outside of the school setting that contribute to personal enjoyment and the attainment or maintenance of a healthy lifestyle.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.A.6.1	Examine causes, course, and consequences of World War II on the United States and the world.
SS.912.A.6.5	Explain the impact of World War II on domestic government policy.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.

SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.

Course Number:	1801300
Course Title:	Army: Leadership Development and Training 1
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AR LEAD ED/TRAIN 1
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop knowledge of the history, customs, traditions, and purpose of the Army JROTC. The course includes the development of basic leadership skills including leadership principles, values, and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with an emphasis on writing skills and oral communication techniques. Financial planning as well as physical fitness, diet, nutrition, healthy lifestyles, awareness of substance abuse and prevention, and basic first aid measures are included. An overview of the globe and geography and basic map reading skills are incorporated. A study of the United States Constitution, Bill of Rights, responsibilities of United States citizens, and the federal justice system is also provided.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Principles of Public Service Program):</u></p> <p>04.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives</p> <p><u>04.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>04.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>04.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>04.04</u> Employ mentoring skills to inspire and teach others.</p> <p><u>04.05</u> Employ critical thinking skills independently and in teams to solve problems and make decisions.</p> <p><u>04.06</u> Employ critical thinking and interpersonal skills to resolve</p>

	<p>conflicts.</p> <p><u>04.07</u> Identify and document workplace performance goals and monitor progress toward those goals.</p> <p><u>04.08</u> Conduct technical research to gather information necessary for decision-making.</p>
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*

HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.1.3	Evaluate how environment and personal health are interrelated.
HE.912.C.1.5	Propose strategies to reduce or prevent injuries and health problems.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
MA.912.F.4.1	Develop personal budgets that fit within various income brackets.
MA.912.F.4.4	Establish a plan to pay off debt.
MA.912.F.4.8	Collect, organize, and interpret data to determine an effective retirement savings plan to meet personal financial goals.
PE.912.L.1.2	Participate in a variety of activities that promote cardiorespiratory fitness, muscular strength and endurance, flexibility, and body composition.
PE.912.L.1.3	Participate in a variety of activities that promote effective stress management.
PE.912.L.1.6	Utilize knowledge of the risks and safety factors that may affect physical activity throughout life.
PE.912.L.2.1	Demonstrate achievement and maintenance of a health-enhancing level of personal fitness by designing, implementing, self-assessing, and modifying a personal fitness program.
PE.912.L.2.3	Use a variety of resources including available technology to assess, design, and evaluate their personal physical activity plan.
PE.912.L.2.7	Evaluate how to make changes in an individual wellness plan as lifestyle changes occur.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.1	Evaluate the constitutional provisions establishing citizenship, and assess the criteria among citizens by birth, naturalized citizens, and non-citizens.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.

Course Number:	1800360
Course Title:	Air Force: Aerospace Science 4
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AERO SCI 4
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop advanced, in-depth knowledge of aerospace topics. Students develop the foundation for receiving a private pilot license. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.
Special Notes:	<p>Instructional Practices:</p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p>20.0 Describe and demonstrate an understanding of the principles of flight.</p> <p><u>20.01</u> Define terminology associated with flight and flight principles.</p> <p><u>20.02</u> Identify the structural components of aircraft.</p> <p><u>20.03</u> Construct and test flying models of lighter-than-air craft.</p> <p><u>20.04</u> Demonstrate an understanding of a powered aircraft and the use of control surfaces to control flight characteristics of pitch, yaw and roll.</p> <p><u>20.05</u> Demonstrate an understanding of rocketry design and systems.</p> <p><u>20.06</u> Develop and construct models to test flight characteristics of powered aircraft.</p> <p><u>20.07</u> Explain the application of Newton's laws to flight and rocketry.</p> <p>32.0 Demonstrate an understanding of career opportunities and requirements in the field of aerospace technologies.</p> <p><u>32.01</u> Discuss individual interests related to a career in Aerospace Technologies.</p> <p><u>32.02</u> Explore career opportunities related to Aerospace Technologies.</p> <p><u>32.03</u> Explore secondary education opportunities related to Aerospace Technologies.</p>

RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.3	Demonstrate strategies to prevent, manage, or resolve interpersonal conflicts without harming self or others.

HE.912.B.3.1	Determine the value of applying a thoughtful decision-making process in health-related situations.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SC.912.E.5.2	Identify patterns in the organization and distribution of matter in the universe and the forces that determine them.
SC.912.E.5.4	Explain the physical properties of the Sun and its dynamic nature and connect them to conditions and events on Earth.
SC.912.E.5.6	Develop logical connections through physical principles, including Kepler's and Newton's laws about the relationships and effects of Earth, Moon, and Sun on each other.
SC.912.E.5.11	Distinguish the various methods of measuring astronomical distances and apply each in appropriate situations.
SC.912.E.7.3	Differentiate and describe the various interactions among Earth systems, including: atmosphere, hydrosphere, cryosphere, geosphere, and biosphere.
SC.912.L.15.6	Discuss distinguishing characteristics of the domains and kingdoms of living organisms.
SC.912.N.4.2	Weigh the merits of alternative strategies for solving a specific societal problem by comparing a number of different costs and benefits, such as human, economic, and environmental.
SC.912.P.10.1	Differentiate among the various forms of energy and recognize that they can be transformed from one form to others.
SC.912.P.10.16	Explain the relationship between moving charges and magnetic fields, as well as changing magnetic fields and electric fields, and their application to modern technologies.
SC.912.P.12.4	Describe how the gravitational force between two objects depends on their masses and the distance between them.
SC.912.P.12.5	Apply the law of conservation of linear momentum to interactions, such as collisions between objects.

Course Number:	1800350
Course Title:	Air Force: Aerospace Science 4-Transportation
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AERO SCI 4 TRANSP
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop the necessary foundations for understanding the policies of the United States and the organizations of the United State Air Force. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Aerospace Technologies Program):</u></p> <p>16.0 Demonstrate an understanding of and be able to select and use transportation technologies.</p> <p><u>16.01</u> Analyze the vital role played by transportation in the operation of other technologies, such as manufacturing, construction, communication, health and safety, and agriculture.</p> <p><u>16.02</u> Define intermodalism as the use of different modes of transportation, such as highways, railways, and waterways as part of an interconnected system that can move people and goods easily from one mode to another.</p> <p><u>16.03</u> Discuss how transportation services and methods have led to a population that is regularly on the move.</p> <p><u>16.04</u> Identify processes and innovative techniques involved in the design of intelligent and non-intelligent transportation systems.</p> <p>41.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.</p> <p><u>41.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p>

	<p><u>41.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>41.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>41.04</u> Employ mentoring skills to inspire and teach others.</p>
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RELATED BENCHMARKS:

Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*

HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.3	Demonstrate strategies to prevent, manage, or resolve interpersonal conflicts without harming self or others.
HE.912.B.3.1	Determine the value of applying a thoughtful decision-making process in health-related situations.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SS.912.A.2.1	Review causes and consequences of the Civil War.
SS.912.A.2.2	Assess the influence of significant people or groups on Reconstruction.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.A.4.7	Examine the impact of airplanes, battleships, new weaponry and chemical warfare in creating new war strategies (trench warfare, convoys).
SS.912.A.6.1	Examine causes, course, and consequences of World War II on the United States and the world.
SS.912.A.6.5	Explain the impact of World War II on domestic government policy.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).

Course Number:	1800330
Course Title:	Air Force: Aerospace Science 4 - Leadership Development
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AEROSCI 4 LEADDEV
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop knowledge of physical and human geography in the major regions of the world. Students develop fundamental management concepts and skills and apply them in corps activities. Drill and ceremony functions are carried out with ease and professionalism.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Aerospace Technologies Program):</u></p> <p>41.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.</p> <p><u>41.01</u> Employ leadership skills to accomplish organizational goals and objectives.</p> <p><u>41.02</u> Establish and maintain effective working relationships with others in order to accomplish objectives and tasks.</p> <p><u>41.03</u> Conduct and participate in meetings to accomplish work tasks.</p> <p><u>41.04</u> Employ mentoring skills to inspire and teach others.</p>
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g.,

	how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.2.1	Explain skills needed to communicate effectively with family, peers, and others to enhance health.
HE.912.B.2.3	Demonstrate strategies to prevent, manage, or resolve interpersonal conflicts without harming self or others.
HE.912.B.3.1	Determine the value of applying a thoughtful decision-making process in health-related situations.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SS.912.G.1.1	Design maps using a variety of technologies based on descriptive data to

	explain physical and cultural attributes of major world regions.
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.
SS.912.G.4.2	Use geographic terms and tools to analyze the push/pull factors contributing to human migration within and among places.
SS.912.G.4.3	Use geographic terms and tools to analyze the effects of migration both on the place of origin and destination, including border areas.
SS.912.G.4.9	Use political maps to describe the change in boundaries and governments within continents over time.
SS.912.G.5.2	Analyze case studies of how changes in the physical environment of a place can increase or diminish its capacity to support human activity.

Course Number:	1800320
Course Title:	Air Force: Aerospace Science 3
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AERO SCI 3
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish skills in marching and conducting military ceremonies.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Aerospace Technologies Program):</u></p> <p>18.0 Demonstrate an understanding of the history and development of aviation and space transportation. 18.08 Outline the development of space exploration. 18.09 Describe the role of NACA and NASA in the development of aeronautics and space exploration. 18.10 Prepare a forecast of aerospace developments, and interplanetary space travel.</p> <p>19.0 Describe the aviation/aerospace environment. 19.06 Utilize astronomical principles, and technology to study the solar systems. 19.08 Define interplanetary space. 19.10 Describe interstellar and intergalactic space.</p> <p>27.0 Explore the role of civilian spacecraft in the exploration and colonization of space. 27.01 Participate in the development of a study for a model of manned</p>

	<p>interplanetary space travel.</p> <p>27.03 Develop a plan for flight crew training for a manned space flight.</p> <p>27.05 Develop plans, models, and a visual presentation of a manned space flight to a distant planet in the solar system.</p>
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.1112.RST.3	Integration of Knowledge and Ideas
LACC.1112.RST.3.7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-ID.1	Summarize, represent, and interpret data on a single count or measurement variable.
MACC.912.S-ID.1.2	Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.

HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.1	Determine the value of applying a thoughtful decision-making process in health-related situations.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
MA.912.F.4.1	Develop personal budgets that fit within various income brackets.
MA.912.F.4.4	Establish a plan to pay off debt.
MA.912.F.4.8	Collect, organize, and interpret data to determine an effective retirement savings plan to meet personal financial goals.
SC.912.E.5.2	Identify patterns in the organization and distribution of matter in the universe and the forces that determine them.
SC.912.E.5.4	Explain the physical properties of the Sun and its dynamic nature and connect them to conditions and events on Earth.
SC.912.E.5.6	Develop logical connections through physical principles, including Kepler's and Newton's laws about the relationships and effects of Earth, Moon, and Sun on each other.
SC.912.E.5.11	Distinguish the various methods of measuring astronomical distances and apply each in appropriate situations.
SC.912.E.7.3	Differentiate and describe the various interactions among Earth systems, including: atmosphere, hydrosphere, cryosphere, geosphere, and biosphere.
SC.912.L.15.6	Discuss distinguishing characteristics of the domains and kingdoms of living organisms.
SC.912.N.4.2	Weigh the merits of alternative strategies for solving a specific societal problem by comparing a number of different costs and benefits, such as human, economic, and environmental.
SC.912.P.10.1	Differentiate among the various forms of energy and recognize that they can be transformed from one form to others.
SC.912.P.10.16	Explain the relationship between moving charges and magnetic fields, as well as changing magnetic fields and electric fields, and their application to modern technologies.
SC.912.P.12.4	Describe how the gravitational force between two objects depends on their masses and the distance between them.
SC.912.P.12.5	Apply the law of conservation of linear momentum to interactions, such as collisions between objects.
SS.912.E.2.7	Identify the impact of inflation on society.
SS.912.E.2.11	Assess the economic impact of negative and positive externalities on the local, state, and national environment.
SS.912.E.3.1	Demonstrate the impact of inflation on world economics.
SS.912.E.3.4	Assess the economic impact of negative and positive externalities on the international environment.
SS.912.E.3.5	Compare the current United States economy with other developed and developing nations.

Course Number:	1800310
Course Title:	Air Force: Aerospace Science 2
Course Section:	Grades PreK to 12 Education Courses
Abbreviated Title:	AF AERO SCI 2
Course Length:	Year
Number of Credits:	1.0
Course Level:	2
Course Status:	State Board of Education Approval Pending
General Notes:	The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.
Special Notes:	<p style="text-align: center;"><u>Instructional Practices:</u></p> <p>Teaching from a well-written, grade-level textbook enhances students' content area knowledge and also strengthens their ability to comprehend longer, complex reading passages on any topic for any reason. Using the following instructional practices also helps student learning:</p> <ol style="list-style-type: none"> 1. Reading assignments from longer text passages as well as shorter ones when text is extremely complex. 2. Making close reading and rereading of texts central to lessons. 3. Asking high-level, text-specific questions and requiring high-level, complex tasks and assignments. 4. Requiring students to support answers with evidence from the text. 5. Providing extensive text-based research and writing opportunities (claims and evidence). <p style="text-align: center;"><u>Additional Benchmarks Related to Career and Technical Education (Aerospace Technologies Program):</u></p> <p>19.0 Describe the aviation/aerospace environment. <u>19.01</u> Identify atmospheric regions and elements. <u>19.03</u> Describe and identify the elements of the atmosphere in motion. <u>19.04</u> Explain the role weather forecasting has as it relates to Aerospace Technologies. <u>19.09</u> Describe the physical properties of interplanetary space including the structure, formation, forces, and bodies.</p> <p>20.0 Describe and demonstrate an understanding of the principles of flight. <u>20.01</u> Define terminology associated with flight and flight principles. <u>20.02</u> Identify the structural components of aircraft. <u>20.06</u> Develop and construct models to test flight characteristics of powered aircraft.</p> <p>26.0 Describe and demonstrate principles of navigation. <u>26.01</u> Describe navigation principles as they relate to aeronautical travel.</p>

	26.02 Demonstrate an ability to read and use an aeronautical navigational chart. 26.03 Examine navigational technologies and systems as they relate to aeronautical systems.
<u>RELATED BENCHMARKS:</u>	
Scheme	Descriptor
LACC.910.RI.2	Craft and Structure
LACC.910.RI.2.4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).
LACC.910.W.2	Production and Distribution of Writing
LACC.910.W.2.6	Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology’s capacity to link to other information and to display information flexibly and dynamically.
LACC.910.SL.1	Comprehension and Collaboration
LACC.910.SL.1.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.
LACC.910.L.3	Vocabulary Acquisition and Use
LACC.910.L.3.4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.
LACC.1112.RST.2	Craft and Structure
LACC.1112.RST.2.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11–12 texts and topics.
MACC.912.S-MD.2	Use probability to evaluate outcomes of decisions.
MACC.912.S-MD.2.7	(+) Use probability to evaluate outcomes of decisions. Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).*
HE.912.C.1.1	Predict how healthy behaviors can affect health status.
HE.912.C.2.2	Compare how peers influence healthy and unhealthy behaviors.
HE.912.C.2.5	Evaluate the effect of media on personal and family health.
HE.912.B.3.2	Examine barriers that can hinder healthy decision-making.
HE.912.B.4.4	Formulate an effective long-term personal health plan.
HE.912.P.1.2	Demonstrate a variety of healthy practices and behaviors that will maintain or improve health.
HE.912.P.1.3	Critique a variety of behaviors that avoid or reduce health risks.
SC.912.E.7.3	Differentiate and describe the various interactions among Earth systems, including: atmosphere, hydrosphere, cryosphere, geosphere, and

	biosphere.
SC.912.E.7.4	Summarize the conditions that contribute to the climate of a geographic area, including the relationships to lakes and oceans.
SC.912.E.7.7	Identify, analyze, and relate the internal (Earth system) and external (astronomical) conditions that contribute to global climate change.
SC.912.L.14.6	Explain the significance of genetic factors, environmental factors, and pathogenic agents to health from the perspectives of both individual and public health.
SC.912.P.12.2	Analyze the motion of an object in terms of its position, velocity, and acceleration (with respect to a frame of reference) as functions of time.
SC.912.P.12.3	Interpret and apply Newton's three laws of motion.
SC.912.P.12.4	Describe how the gravitational force between two objects depends on their masses and the distance between them.
SS.912.A.3.2	Examine the social, political, and economic causes, course, and consequences of the second Industrial Revolution that began in the late 19 th century.
SS.912.A.3.3	Compare the first and second Industrial Revolutions in the United States.
SS.912.A.4.5	Examine causes, course, and consequences of United States involvement in World War I.
SS.912.A.6.1	Examine causes, course, and consequences of World War II on the United States and the world.
SS.912.A.6.5	Explain the impact of World War II on domestic government policy.
SS.912.C.1.1	Evaluate, take, and defend positions on the founding ideals and principles in American Constitutional government.
SS.912.C.1.5	Evaluate how the Constitution and its amendments reflect the political principles of rule of law, checks and balances, separation of powers, republicanism, democracy, and federalism.
SS.912.C.2.2	Evaluate the importance of political participation and civic participation.
SS.912.C.2.6	Evaluate, take, and defend positions about rights protected by the Constitution and Bill of Rights.
SS.912.C.2.15	Evaluate the origins and roles of political parties, interest groups, media, and individuals in determining and shaping public policy.
SS.912.C.3.14	Examine constitutional powers (expressed, implied, concurrent, reserved).
SS.912.G.1.3	Employ applicable units of measurement and scale to solve simple locational problems using maps and globes.
SS.912.G.1.4	Analyze geographic information from a variety of sources including primary sources, atlases, computer, and digital sources, Geographic Information Systems (GIS), and a broad variety of maps.