



**CURRICULUM GUIDE**

**COURSE CATALOG**

**2021-22**

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# SOUTH SUMTER HIGH SCHOOL

Dear South Sumter High School Students,

The choices you make during your four years in high school will shape your future. This curriculum guide will provide you with valuable information to help you make informed choices at South Sumter High School for your education, and for your future.

Well-chosen courses can change the trajectory of a student's life. Course selection in high school will impact a student's options after high school, both professionally and financially. Whether you want to attend a prestigious university, go directly into workforce, enroll in a community college, enlist in the military or any of the paths in between, the variety of academic and career preparation programs at South Sumter High School can help you do that. You have some of the best options available to prepare you for the future. Advanced Placement coursework prepares you for the university life while helping you build a competitive transcript. Dual Enrollment offers students the opportunity to earn college credit locally while in high school. Our Career Technical Education (CTE) Programs offer opportunities for industry certifications to help you with immediate employment following graduation, and Career Dual Enrollment allows for postgraduate career opportunities while still in high school.

It is important that you place a focus on your educational future and the pathway you select should reflect this focus. You should aspire to attain a level of coursework that is challenging and provides you with the skills necessary to be successful. Use your time in high school wisely. Rely on the outstanding staff of teachers, counselors and administrators that we have at South Sumter. Share this curriculum guide with your parents and show them all that SSHS has to offer.

At South Sumter High School, Tradition Never Graduates!

Looking forward to a great year!

A handwritten signature in black ink, appearing to read 'Allen Shirley'.

Allen Shirley

Principal



# **SOUTH SUMTER HIGH SCHOOL**

706 NORTH MAIN STREET, BUSHNELL, FL. 33513

(352)793-3131 ▪ (352)793-2992 (*fax*) ▪ (352)793-7395 (*guidance fax*)

ssh.sumter.k12.fl.us

## **HIGH SCHOOL 6 DIGIT CODE**

100195

## **SCHOOL COUNSELORS**

Kassy Epperson

10<sup>th</sup> -12th Grades Alphabet A-L

*Ext. 82231*

Kassy.Epperson@sumter.k12.fl.us

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*Ext. 82232*

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CALL (352) 793-3131 & SCHEDULE AN APPOINTMENT FOR ACADEMIC PLANNING

SEE YOUR COUNSELOR FOR SCHOLARSHIP OPPORTUNITIES or DIPLOMA OPTIONS



# SOUTH SUMTER HIGH SCHOOL

Allen Shirley <i>Principal</i> Ext. 82210	Cookie Tadlock <i>Assistant Principal</i> Ext. 82212
Chris Epperson <i>Assistant Principal</i> Ext. 82213	LaTonya Miller <i>Assistant Principal</i> Ext. 82211
Debi Boyatt <i>School Secretary</i> Ext. 82201	Jonathan Borum <i>School Counselor</i> Ext. 82232
Stephanie Moffitt <i>School Counselor</i> Ext. 82233	Kassy Epperson <i>School Counselor</i> Ext. 82231
Kelly Lawrence <i>Testing Coordinator</i> Ext. 82240	Marianne Hamilton <i>Staffing Specialist</i> Ext. 82280
Keith Hileman <i>Athletic Director</i> Ext. 82253	Kay Moreland <i>Media Specialist</i> Ext. 82240
Casey Martin <i>Plant Manager</i> Ext. 82224	Robert Hansen <i>School Protection Deputy</i> Ext. 82223

## OUR VISION

At South Sumter High School we adhere to the belief that all students can learn. Working as a team, our purpose is to provide a comprehensive educational program that assists all students in acquiring the critical skills for lifelong learning and success.

## CONNECT WITH US

[SSH.sumter.k12.fl.us](http://SSH.sumter.k12.fl.us)

 @SSHS\_Raiders  
@SSHSAthletics



**BACKED BY TRADITION**  
ACHIEVING THROUGH ADVERSITY



Preparing the Next Generation Today

## SCHOOL & COMMUNITY

South Sumter High School is located in Bushnell, FL; an emerging community located between Ocala, Tampa and Orlando. SSHS is one of three high schools in the Sumter County School District.

South Sumter High is a Title I school with 103 faculty and staff members and a student population of 1070, including 31% minority, 16% exceptional student population, 2.4% gifted and 1.2% English Language Learners (ELL).

## THE ACADEMIC PROGRAM

During their high school career, students have access to a wide range of learning experiences, including Advanced Placement courses and dual-enrollment opportunities, both on-campus and at the local Lake-Sumter State College campus in Sumterville. In addition, our on-campus Career & Technical Education programs and off campus Vocational Education programs, with Withlacoochee Technical College and Lake Technical College, allow students hands-on experience and earn industry certification in several fields to be hireable upon graduation.



Lake Sumter  
State College



## HOME TO

**STATE, NATIONAL & INTERNATIONAL OFFICERS, QUALIFIERS & CHAMPIONS**



**FFA, SCIENCE FAIR, HOSA, NNDCC, FBLA, ENVIROTHON, JSEHS, ROBOTICS & ATHLETICS**



**AGRICULTURE**



**MEDICAL ACADEMY**



**CHILD CARE EDUCATION**



**EPIC TEACHING ACADEMY**



**CRIMINAL JUSTICE**



**BUSINESS EDUCATION**



**TV PRODUCTIONS**



**HEALTH & WELLNESS**

**ATHLETICS:** Baseball, Basketball, Cheer, Football, Golf, Soccer, Softball, Track & Field, Volleyball, Weightlifting



**ACTIVITIES:** Agriculture, Art Club, AVID, Band, Business, Chess Club, Childcare, Criminal Justice, Drama Club, FBLA, FCA, FFA, Florida Future Educators of America, Foreign Language Club, GLOW, Hi-Q, HOSA, Interact Club, Key Club, Math Team, Medical Academy, NHS, Navy National Defense Cadet Corps (NNDCC), Pep Club, Personal Fitness, Psychology Club, Robotics, Science Club, Sports Medicine, Student Council, TV Productions, Yearbook and more.

## **GRADUATION REQUIREMENTS**

Requirements for a 24-credit standard diploma

- 4 Credits of English Language Arts
- 4 Credits in Mathematics
  - \*1 Credit must be Algebra 1
  - \*1 Credit must be Geometry
- 3 Credits in Science
  - \*1 Credit must be Biology
- 3 Credits in Social Studies
  - \*1 Credit of World History
  - \*1 Credit of US History
  - \*½ Credit of US Government
  - \*½ Credit of Economics with Financial Literacy
- 1 Credit in Fine/Performing or Practical Arts
- 1 Credit in Physical Education to include the integration of health
- 8 Elective Credits
- 1 of the 24 courses must be an online course
- 2.0 unweighted GPA
- Pass the Algebra 1 EOC (or concordant score on the ACT/SAT/PSAT/NMSQT)
- Pass the 10th grade ELA Reading and Writing (or concordant score on ACT/SAT)
- Meet the requirements of the School Board attendance policy
- Students must participate in the EOC assessment and the results constitute 30% of the final course grade. These assessments are in the following subjects: Algebra 1, Biology 1, Geometry, US History

***\*\*AT THE TIME THIS GUIDE WAS PUBLISHED STATE LEGISLATION WAS IN SESSION; THEREFORE SOME CHANGES MAY OCCUR AFTER JUNE 2021.***

Visit <http://www.fldoe.org/academics/graduation-requirements/> or see your counselor for other diploma options.

**WALKING IN WHITE** – See your counselor for requirements for your cohort group.

## **PROMOTION & CLASS PLACEMENT REQUIREMENTS:**

To be promoted to:

- **10<sup>th</sup> grade** – the student must have 5 credits (1 must be English or Math) and a 1.8 GPA by August 1.
- **11<sup>th</sup> grade** – the student must have 10 credits (4 must be core) and a 1.8 GPA by August 1.
- **12<sup>th</sup> grade** – the student must have 17 credits (8 must be core) and a 1.8 GPA by August 1.

## **TESTING SERVICES**

Certain standardized tests are routinely administered. Other individual and group tests are given whenever the situation calls for them. Counselors are available to help parents and students interpret the results of these tests. The following tests are given:

- FSA ELA Reading & Writing
- Algebra 1 EOC
- Geometry EOC
- Biology EOC
- US History EOC
- Advanced Placement
- ASVAB
- PERT
- PSAT/NMSQT
- SAT

Students can also register to take the ACT and SAT at off site locations. There is a fee to take these tests. Fee waivers are available for select Juniors and Seniors. See counselor for eligibility.

**SAT is offered free of charge to all Juniors once a year at SSSH on the SAT school day for Juniors.**

Information on ACT [www.actstudent.org](http://www.actstudent.org) -----Information on SAT [www.collegeboard.org](http://www.collegeboard.org)

## **NCAA ACADEMIC ELIGIBILITY**

NCAA Division I requires 16 core courses, a minimum 2.3 core GPA and a minimum test score based on a sliding scale with GPA consideration. For more information and to view SSSH's core class list visit the NCAA Eligibility Center's website <https://web3.ncaa.org/ecwr3/>

**AVID**

AVID is Advancement via Individual Determination, an in-school academic support program for grades 4-12 that prepares students for college eligibility and success. AVID students are students in the middle (2.7-3.7 GPA), capable of completing a college preparatory path with support. These students often are not realizing their full potential academically. AVID is NOT a remedial program, it is a program for advancement.

The curriculum includes writing, inquiry, reading, organization, and collaboration, with tutorials twice a week with local college students. Students also prepare for their future through college prep, college research, and strategies for success. The three main components of the program are academic instruction, tutorial support, and motivational activities

Students must apply to be in AVID. No single criterion will necessarily eliminate a student from consideration. During the application process, a number of criteria are considered, including:

- State Assessment Scores/Grades
- Citizenship
- Attendance
- Desire and Determination
- Family
- Family's First Generation to Attend College
- Historically Underrepresented in 4-year Colleges
- Economically Disadvantaged
- Other Special Circumstances

To remain in the AVID program the student must:

- Enroll in AVID elective class
- Enroll in one or more advanced academic classes (Pre-AP, AP, Honors or DE) each semester
- Maintain satisfactory citizenship and attendance in all classes
- Maintain the AVID binder with assignments/grade sheets and daily notes in all classes
- Complete all homework assignments and commit to studying every night
- Maintain a minimum GPA of 2.7

**ADVANCED PLACEMENT (AP) PROGRAM**

The College Board's Advanced Placement (AP) Program is a nationwide program consisting of more than 30 college-level courses and exams offered at participating high schools. Subjects range from art to statistics. Students who earn a qualifying score of level 3 or above on an AP exam can earn college credit or advanced placement or both, depending on the college or university. Students in Florida's public secondary schools enrolled in AP courses do not have to pay to take the exams. <http://apcentral.collegeboard.com/home> is the Advanced Placement website that contains a great deal of information for both students and parents. See chart on the following page for the AP courses offered.

**ADVANCED PLACEMENT CAPSTONE DIPLOMA PROGRAM**

AP Capstone is an innovative diploma program from the College Board that equips students with independent research, collaborative teamwork and communication skills. AP Capstone is built on the foundation of two AP courses – AP Seminar and AP Research – and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

The program gives students a chance to practice core academic skills they need to complete college. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college, career and beyond.

Students who score level 3 or higher in AP Seminar, AP Research and four additional AP Course Exams of their choice receive the AP Capstone Diploma. Students who score level 3 or higher on both AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate.



**AP COURSE OFFERINGS**

<b>COURSE</b>	<b>COURSE CODE</b>	<b>GRADE LEVEL</b>
BIOLOGY	2000340	11, 12
CALCULUS AB	1202310	11, 12
CALCULUS BC	1202320	12
CAPSTONE SEMINAR	1700500	10, 11, 12
CAPSTONE RESEARCH	1700510	11, 12
COMPUTER SCIENCE PRINCIPLES	0200335	10, 11, 12
ENGLISH LANGUAGE & COMPOSITION	1001420	11,12
ENGLISH LITERATURE & COMPOSITION	1001430	11, 12
ENVIRONMENTAL SCIENCE	2001380	11, 12
HUMAN GEOGRAPHY	2103400	9, 10, 11, 12
MACROECONOMICS	2102370	12
PHYSICS 1	2003421	11, 12
PSYCHOLOGY	2107350	11, 12
STATISTICS	1210320	11, 12
STUDIO ART: 2-D DESIGN	0109350	11, 12
STUDIO ART: DRAWING	0104300	12
U.S. GOVERNMENT AND POLITICS	2106420	12
U.S. HISTORY	2100330	11
WORLD HISTORY	2109420	10

**DUAL ENROLLMENT**

South Sumter High School has a partnership with Lake Sumter State College.

A student is given both high school and college credit upon successful completion of a dual enrollment course. In order to be placed in an approved dual enrollment class, a student must meet the following criteria:

- Pass the 10th grade FSA ELA Reading and Writing (Level 3 or higher)
- Pass the Algebra 1 EOC
- Have a minimum, unweighted, cumulative 3.0 GPA
- Have 14 high school credits
- Have a score that indicates College Readiness on the SAT, ACT or PERT.
- A student must pass Reading Comprehension and one other section to be eligible for dual enrollment. The passing scores are good for up to two years.

**BENCHMARK COLLEGE READINESS TO QUALIFY FOR DUAL ENROLLMENT**

<b>PERT</b>	<b>SAT</b>	<b>ACT</b>
Reading 106	Reading 24	Reading 19
Writing 103	Writing 25	English 17
Math 114	Math 24	Math 19

***Important note to Dual Enrollment Students***

Some Dual Enrollment classes are offered on the SSSH campus. The majority of Dual Enrollment courses are offered during first and second period at the LSSC campus in Sumterville. STUDENTS ATTENDING THE LSSC CAMPUS IN THE MORNING MUST ENROLL IN TWO DUAL ENROLLMENT CLASSES. IT IS THE STUDENT'S RESPONSIBILITY TO SEE THEIR COUNSELOR FOR A DUAL ENROLLMENT APPLICATION AND BE AWARE OF THE DUAL ENROLLMENT POLICIES AND DEADLINES (ie: dropping a course). For more information concerning Dual Enrollment at LSSC, go to [www.lssc.edu](http://www.lssc.edu).

**CAREER AND TECHNICAL EDUCATION PROGRAMS OFFERED**

Students have the opportunity to take classes at Withlacoochee Technical College (Inverness) and Lake Technical College (Eustis) to earn certifications. Students should see Mr. Borum for more information and an application.

**FLORIDA'S BRIGHT FUTURES SCHOLARSHIP PROGRAM**

To apply for a Bright Futures Scholarship seniors must submit a completed, online (error free) Florida Financial Aid Application during their last year in high school (after December 1 and prior to graduation). Website access is [www.FloridaStudentFinancialAid.org](http://www.FloridaStudentFinancialAid.org). This application gives the Florida Department of Education (FDOE) permission to evaluate a senior's high school transcript for eligibility for a Bright Futures Scholarship and other state scholarships and grants. Application window for Bright Futures opens December 1<sup>st</sup> of your senior year and closes the day of graduation. You will forfeit all future eligibility for a Bright Futures Scholarship if you have not applied during the application window.

**Bright Future Website:** <http://www.floridastudentfinancialaid.org/SSFAD/bf/bfmain.htm>

IT IS THE STUDENT'S RESPONSIBILITY TO MONITOR THEIR BRIGHT FUTURES STATUS TO REMAIN FOCUSED

<https://www.floridashines.org/> or <https://www.floridashines.org/go-to-college/pay-for-college>



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<b>1001405</b>	<b>English 4 College Preparatory Course</b>	<b>12th Grade</b>	<b>1.0 Credit</b>
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**Prerequisite: English 3**

This course reinforces literacy skills essential for college and career. Students will engage in close reading of literary and informational texts. They will incorporate textual support with proper documentation within their writing assignments. Composition instruction includes grammar, mechanics, vocabulary development, process writing, and research writing.

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<b>1001420</b>	<b>AP English Language &amp; Composition</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Offered in even years**

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. This course will require a summer assignment.

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<b>1001430</b>	<b>AP English Literature &amp; Composition</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Offered in odd years**

The AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. This course will require a summer assignment.

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<b>ENC 1101</b>	<b>College Composition I</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisites: 3.0 GPA & Qualifying Score on Placement Test****Credit: 3 College Credits Plus 1 High School Credit**

This foundational, Gordon Rule course provides practice in writing expository themes with instruction in grammar and mechanics, sentence variety, diction, organization, and coherence. A major research project is required.

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<b>ENC 1102</b>	<b>Composition Literature</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: ENC1101 Grade C or higher****Credit: 3 College Credits Plus 1 High School Credit**

This composition, Gordon Rule course focuses on writing based upon a study and analysis of the major literary genres. Emphasis is on writing a major research paper.

**READING**


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<b>1008300</b>	<b>Reading 1</b>	<b>9th Grade</b>	<b>1.0 Credit</b>
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This course emphasizes reading comprehension skills, writing, critical thinking, analyzing and synthesizing information, and vocabulary skills using a variety of literary and informational texts. The course provides extensive opportunities for students to collaborate with their peers and with the use of technology to further the students reading abilities at and above grade level.

Required for all students who score Level 1, 2 or 3 on the 8<sup>th</sup> grade FSA ELA. Also required for transfer students who do not have an FSA ELA score.

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<b>1008310</b>	<b>Reading 2</b>	<b>10th Grade</b>	<b>1.0 Credit</b>
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This course emphasizes reading comprehension, writing, and vocabulary skills using a variety of literary and informational texts. Students enrolled in the course will be challenged by writing in response to reading, citing text evidence, and incorporating student elaboration both orally and in writing. The course provides extensive opportunities for students to collaborate with their peers and with the use of technology to further the students reading abilities at and above grade level.

Required for all students who score Level 1, 2 or 3 on the 9<sup>th</sup> grade FSA ELA. Also required for transfer students who do not have an FSA ELA score.

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<b>1000410</b>	<b>Intensive Reading</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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This course is designed to encourage reading and improve reading skills. This class is designed to motivate, enlighten, and assist in the development of reading ability. A myriad of strategies are used for reading comprehension. Critical thinking and writing are a significant component of this course; you can expect to write consistently and independently read and analyze complex text in this class. The objective for this course is focused on achievement for the Florida Standards Assessment (FSA) English Language Arts and the SAT/ACT college entrance exams.

Required for Juniors and Seniors who have not passed the 10<sup>th</sup> grade FSA ELA.

**MATHEMATICS**

<b>1200370</b>	<b>Algebra 1 A</b>	<b>9th Grade</b>	<b>1.0 Credit</b>
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**Recommendation: FSA Math Score Level 1**

The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real world and mathematical problems.

<b>1200310</b>	<b>Algebra 1</b>	<b>9th Grade</b>	<b>1.0 Credit</b>
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The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems.

<b>1206310</b>	<b>Geometry</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1**

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

<b>1206320</b>	<b>Geometry Honors</b>	<b>9th – 11th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1 or Algebra 1 Honors**

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

<b>1208300</b>	<b>Liberal Arts Mathematics 1</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1**

The purpose of this course is to strengthen mathematical skills necessary for further study of advanced mathematics. The content should include algebra and geometry topics including polynomials, equations and functions, properties of two & three dimensional figures, perimeter, areas and volume.

<b>1200700</b>	<b>Mathematics for College Readiness</b>	<b>10th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1, Geometry**

The purpose of the course is to strengthen the skill level of high school students who have completed Algebra 1 and Geometry and who wish to pursue credit generating mathematics courses at the college level.

<b>1200330</b>	<b>Algebra 2</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1, Geometry**

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields.

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<b>1200340</b>	<b>Algebra 2 Honors</b>	<b>9th – 10th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1 or Algebra 1 Honors, Geometry or Geometry Honors**

The purpose of this course is to continue the study of algebra and to provide the foundation for applying algebraic skills to other mathematical and scientific fields.

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<b>1202340</b>	<b>Pre-Calculus Honors</b>	<b>10th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 2 or Algebra 2 Honors**

The purpose of this course is to enable students to develop concepts and skills in advanced algebra, analytic geometry, and trigonometry.

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<b>1202310</b>	<b>Advanced Placement Calculus AB</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Pre-Calculus**

This course is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

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<b>1202320</b>	<b>Advanced Placement Calculus BC</b>	<b>12th Grade</b>	<b>1.0 Credit</b>
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**Prerequisite: AP Calculus AB**

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses. It extends the content learned in AB to different types of equations (polar, parametric, vector-valued) and new topics (such as Euler's method, integration by parts, partial fraction decomposition, and improper integrals), and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

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<b>1210320</b>	<b>Advanced Placement Statistics</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 2 or Algebra 2 Honors**

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

Students are exposed to four broad conceptual themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns and Statistical inference.

<b>1201300</b>	<b>Math Analysis Honors</b>	<b>10th – 12th Grades</b>	<b>0.5 Credit</b>
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**Prerequisite: Algebra 1, Geometry & College Ready Score**

The purpose of this course is to continue to strengthen mathematical skills necessary for further study of advanced mathematics. The content should include algebra, geometry, statistics and finance. It will be paired with College intermediate Algebra as a ½ credit course.

<b>MAT1033</b>	<b>Intermediate Algebra</b>	<b>10th – 12th Grades</b>	<b>0.5 Credit</b>
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**Prerequisite: Algebra 1, Geometry & College Ready Score**

**3 Hours College Elective Credit (on campus dual enrollment) Plus .5 High School Credit**

This course includes the study of real numbers, linear and quadratic equations, linear inequalities, exponents, polynomials, factoring, rational expressions and other mathematical applications. Students must meet LSSC eligibility requirements for dual credit.

**\*NOTE: These 2 courses link together to give students 1 full credit.**



**SCIENCE**

**\*ALL CORE SCIENCE CLASSES REQUIRE ALL STUDENTS TO DO A STEM PROJECT AND/OR SCIENCE FAIR PROJECT.**

**2003310**                      **Physical Science\***                      **9th – 10th Grades**                      **1.0 Credit**

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This course includes knowledge of scientific skills, matter, atomic structure and the Periodic Table, the environment and the energy crisis, nuclear energy, dynamics and mechanics, simple machines, electricity, magnetism, heat wave motion, and career opportunities.

**2003320**                      **Physical Science Honors\***                      **9th Grade**                      **1.0 Credit**

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This course is an **enriched** study of Physical Science that concerns the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

**2000310**                      **Biology 1\***                      **10th – 12th Grades**                      **1.0 Credit**

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This course includes exploratory experiences and activities in the fundamental concepts of life noting the interactions of science with technology and society. The content includes cell biology, basic principles of genetics, biological changes through time, classification and taxonomy, microbiology, structure and function of plants, animals, and the human body, as well as, ecological relationships. Laboratory activities involve scientific methods, measurements, and laboratory apparatus, emphasizing lab safety.

**2000320**                      **Biology 1 Honors \***                      **9th – 10th Grades**                      **1.0 Credit**

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This course includes advanced laboratory experience and activities in the fundamental concepts of life. The content includes biochemistry, cell biology, cell reproduction, genetics, biological changes, classification and taxonomy, microorganisms and disease, structure and function of plants, structure and functions of animals, human anatomy and physiology, as well as, ecological relationships. Laboratory activities are an integral part of this course. This course is taught through the inquiry method and requires the use of higher order cognitive skills such as synthesis, deductive and inductive reasoning, analysis, and other problem solving skills.

**2003340**                      **Chemistry 1\***                      **10th – 12th Grades**                      **1.0 Credit**

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**Prerequisite: Biology 1 & Algebra 1**

This course includes the study of the composition, properties, and changes associated with matter, including the clarification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reactions and balanced equations, behavior of gases, and physical changes. Laboratory activities involve scientific methods, measurements, and laboratory apparatus, emphasizing lab safety.

**2003350**                      **Chemistry 1 Honors\***                      **10th – 12th Grades**                      **1.0 Credit**

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**Prerequisite: Biology 1 & Algebra 1**

This advanced course includes knowledge of measurement, classification, and change of matter atomic electronic structure, the Periodic Table and chemical bonding, nomenclature, chemical equations, gases, liquids, and equilibrium, electro chemistry, nuclear reactions, and organic chemistry.

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<b>2000360</b>	<b>Anatomy and Physiology Honors</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Biology & Chemistry**

This course includes anatomical terminology; cells and tissues; integumentary, skeletal, muscular, and nervous system; special sensory organs; body systems; homeostasis; immune responses; and molecular, cellular, organismal, mutations, as well as genetic disorders. Laboratory activities involve scientific methods, measurements, laboratory apparatus, emphasizing lab safety and in-depth dissection of a laboratory animal.

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<b>2003421</b>	<b>Advanced Placement Physics 1</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Algebra 1, Geometry, Biology & Chemistry**

The goal of AP Physics is to provide students with the scientific principles, concepts and methodologies required to understand the theories and laws governing the interaction of matter, energy, work and power, heat and thermodynamics, wave characteristics, light, electricity, magnetism, nuclear physics and sound. Laboratory activities involve scientific methods, measurement and lab safety.

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<b>2001380</b>	<b>Advanced Placement Environmental Science</b>	<b>10th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Biology**

The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

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<b>2000340</b>	<b>Advanced Placement Biology</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: B or better in Biology Honors and Chemistry Honors**

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.

**SOCIAL STUDIES****2109310    World History    10th Grade    1.0 Credit**

This course examines the political, economic, social, religious, military, dynastic, scientific, and cultural events affecting humanity. Content includes the rise of civilization and cultural events affecting humanity. Content includes the rise of civilization and cultural universals, the development of religious thought, the evolution of political systems, nationalism, the origin of economic systems and philosophies, the influence of major historical figures and events, contemporary world affairs, and a study of Americanism vs. Communism, in accordance with Florida law.

**2109420    Advanced Placement World History    10th Grade    1.0 Credit****Recommendation: 9<sup>th</sup> Grade FSA ELA Score Level 3-5**

This course can replace World History

This course has 9 units that start during the Medieval period and end in modern day. The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. The rich course material, classroom discussions and demanding assignments typical of AP courses will help students develop the content mastery and critical thinking skills expected of college students. This includes analyzing sources and developing arguments about society, politics, culture, and innovations using evidence. By participating in AP, you have the opportunity to earn college credit and to stand out in college admission process.

**2100310    United States History    11th Grade    1.0 Credit**

The primary content emphasis for this course pertains to the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic and sociological events which influenced the development of the United States and the resulting impact on world history. So that students can clearly see the relationship between cause and effect in historical events, students should have the opportunity to review those fundamental ideas and events which occurred before the end of Reconstruction. This is an EOC tested course.

**2100330    Advanced Placement US History    11th Grade    1.0 Credit****Recommendation: 10<sup>th</sup> Grade FSA ELA Score Level 3-5**

This course can replace US History.

In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Students will learn and practice three styles of required writing from short answer questions, document based questions and long essay questions. By participating in AP, you have the opportunity to earn up to 6 college credits by earning a passing score on the May Exam. AP U.S. History will introduce students to the equivalent of two semester college level courses.

<b>2106310</b>	<b>American Government</b>	<b>12th Grade</b>	<b>0.5 Credit</b>
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This course analyzes the documents that shape our political traditions, the roles of the three branches of government at the local, state, and national levels, and the evolving role of political parties and interest groups that determine government policy. The content also includes how the rights and responsibilities of citizens in a democratic state have evolved and the importance of civic participation in the democratic political process.

<b>2102335</b>	<b>Economics with Financial Literacy</b>	<b>12th Grade</b>	<b>0.5 Credit</b>
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This course introduces major characteristics of the mixed market economic system and how the basic economic questions are answered. The major content includes examining the people's role as producer, consumer, investor, resource owner, voter, and taxpayer. In addition, roles and impact of economic wants, productive resources, scarcity and choices, economic incentives, division of labor, interdependence, how markets work, savings and investment, government policy, financial institutions, inflation, insurance, stock market, productivity, law of supply and demand, and similarities and differences of other economic systems are also included.

<b>2106420</b>	<b>Advanced Placement Government &amp; Politics</b>	<b>12th Grade</b>	<b>0.5 Credit</b>
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**Recommendation: FSA ELA Score Level 3-5**

This course can replace American Government

This is a rigorous course that will provide students with an analytical perspective on government and politics in the United States. Students will gain an understanding of philosophy, political beliefs and behavior, political parties, interest groups, national institutions, policy processes, and law. The course includes the study of general concepts used to interpret US politics and the analysis of specific contemporary issues. AP Government and Politics will introduce students to a one-semester college level course.

<b>2102370</b>	<b>Advance Placement Macroeconomics</b>	<b>12th Grade</b>	<b>0.5 Credit</b>
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**Recommendation: FSA ELA Score Level 3-5**

This course can replace Economics with Financial Literacy

This is a rigorous course that studies the overall performance of an economy, and provides students an analytical perspective and thorough understanding of the study of national income, price-level determinates, economic performance measurements, our financial sector, stabilization and growth policies, and international economics. AP Macroeconomics will introduce students to a one-semester college level course.

<b>2102372</b>	<b>Personal Financial Literacy</b>	<b>12th Grade</b>	<b>0.5 Credit</b>
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The primary content for this course pertains to the study of learning the ideas, concepts, knowledge and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating members of a global workforce and society. This course will be offered only online in the lab.

**AGRICULTURAL DEPARTMENT & PROGRAMS**

**Program: Agritechnology**

**Industry Certification(s): Agriculture Associate Certification, Agritechnology Specialist Certification, Agricultural Mechanics Specialist Certification, Agriculture Systems Associate Certification**

Course Number	Course Title	Length
8106810	Agriscience Foundations 1	1 credit
8106820	Agritechnology 1	1 credit
8106830	Agritechnology 2	1 credit

This program is designed to develop competencies in the areas of agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cuts of meat; animal reproduction and identification; animal safety; animal-health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills. The second half of this program will develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops, safe equipment operation; finance; and employability skills.

**Program: Horticulture Science & Services**

**Industry Certification(s): Agriculture Associate Certification, Certified Horticulture Professional, Agritechnology Specialist Certification, Agriculture Systems Associate Certification**

Course Number	Course Title	Length
8106810	Agriscience Foundations 1	1 credit
8121510	Introductory Horticulture 2 **	1 credit
8121520	Horticulture Science 3 **	1 credit

This program is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills. Additionally students who complete this program will develop competencies in the areas of industry regulations; plant classification; plant transportation; soil sampling and analysis; fertilizer calculations; recording keeping; irrigation components, water quality; drainage; integrated pest management; pesticide safety and regulations; equipment calibration; chemical growth regulators; xeriscaping; integrated landscape management; safe use of power equipment; and record keeping.

**Program: Technical Agriculture Operations (Agriculture Mechanics)**

**Industry Certification(s): Agriculture Associate Certification, Agriculture Systems Associate Certification, Agriculture Mechanics Specialist Certification**

Course Number	Course Title	Length
8106810	Agriscience Foundations 1	1 credit
8005110	Technical Agriculture Operations 2 (Agriculture Mechanics)	1 credit
8005120	Technical Agriculture Operations 3 (Agriculture Mechanics)	1 credit
8005130	Technical Agriculture Operations 4 (Agriculture Mechanics)	1 credit

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster. It provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the agriculture mechanics industry within the Agriculture, Food and Natural Resources career cluster.

The content includes but is not limited to mechanical operations, welding, small engine maintenance and repair, planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

**Program: Animal Science & Services**

**Industry Certification(s): Agriculture Associate Certification, Animal Science Specialist Certification, Agriculture Systems Associate Certification**

Course Number	Course Title	Length
8106810	Agriscience Foundations 1	1 credit
8106210	Animal Science & Services 2	1 credit
8106220	Animal Science & Services 3	1 credit

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster. Provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the animal science industry within the Agriculture, Food and Natural Resources career cluster.

The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety and environmental issues, and the use and care of animal health-care instruments, animal grooming equipment, animal restraining equipment, and laboratory equipment.

**Program: Agriculture Biotechnology**

**Industry Certification(s): Agriculture Associate Certification, Agricultural Biotechnology Specialist Certification, Agriculture Systems Associate Certification**

Course Number	Course Title	Length
8106810	Agriscience Foundations 1	1 credit
8106850	Agricultural Biotechnology 2	1 credit
8106860	Agricultural Biotechnology 3	1 credit

This program is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. This program will also develop competencies in the areas of biotechnology in agriculture, scientific investigation, laboratory safety, scientific and technological concepts; and the fundamentals of biotechnology. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment. This program is aligned with high school science courses as follows: (Example: 71% of the standards in Biology 1 are taught in this course)

**Agribusiness Cooperative Education**

**Prerequisite: Program Completion, Teacher Recommendation**

This course is to provide the on-the-job training component when the cooperative method of instruction is used to prepare students for employment in agricultural occupations. Students must be enrolled in or have completed an agriculture program to be eligible for this course.

All Level 3 classes are weighted.

\*\*Performing & Practical Fine Arts Credit

**EARLY CHILDHOOD EDUCATION**

**Program: Early Childhood Education**

**Industry Certifications(s): Early Childhood Professional Certification (ECPC), Child Development Associate (CDA), ServSafe Food Manager Certification**

Course Number	Course Title	Length
8405110	Early Childhood Education 1	1 credit
8405120	Early Childhood Education 2	1 credit
8405130	Early Childhood Education 3**	1 credit
8405140	Early Childhood Education 4	1 credit
8500100	Education & Training Directed Study	1 credit

**Program Description**

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Education & Training career cluster. It provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Education & Training career cluster. Students who complete the entire program and meet all requirements as outlined can be awarded the Credentials listed above.

**Early Childhood Education 1-** This course includes the following content: childcare rules and regulations, safe learning environments, stages of child development, developmentally appropriate practices, and communication skills, principles of child nutrition and technology use; as well as teaching techniques for Early Childhood Education standards.

**Early childhood Education 2-** This course includes working directly with children 5 years of age or younger in the Tiny Tot Preschool to complete the 480 hours of ECPC work experience requirement. Students will also earn a ServSafe Food Managers Certification. Testing required.

**Early Childhood Education 3-**This course includes competencies in developing lesson plans, as well as competencies from the DCF 40-hour Introductory Childcare Training coursework. Students will continue working directly with the Tiny Tot Preschool children to complete the 480 hours of ECPC work experience requirement and pass all test required for the DCF 40-hour coursework.

**Early Childhood Education 4-** In this course, students will finish all competencies from the DCF 40-hour Introductory Childcare Training coursework. As well as completing the ECPC 480-hour work experience requirement by the end of this course. Additionally, the ECPC is aligned with the National Child Development Associate (CDA). Student who earn the ECPC may earn the National CDA, if they choose to do so, by completing additional requirements and testing fees. (<http://www.cdacouncil.org>)

\*\* Performing & Practical Fine Arts Credit



**BUSINESS PROGRAMS**

**Program: Administrative Office Specialist**

**Industry Certification(s) – CIW Social Media Specialist, Microsoft Office Specialist (MOS)**

Course Number	Course Title	Length	Industry Certification(s)
8207310	Digital Information Technology**	1 Credit	CIW Social Media Specialist
8212110	Administrative Office Technology 1	1 Credit	Microsoft Word Expert & Microsoft PowerPoint
8212120	Business Software Applications 1	1 Credit	Microsoft Excel Expert & Microsoft Outlook

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Business Management and Administration career cluster. It provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Business Management and Administration career cluster. The content includes but is not limited to the use of technology to develop communications skills, higher level thinking skills, and decision making skills; the performance of office procedures tasks; the production of quality work in an efficient manner using advanced features of business software applications; research of job opportunities; and the production of high quality employment portfolios and job-seeking documents.

**Program – Digital Design**

**Industry Certification(s) – CIW Social Media Specialist, Adobe Certified Associate (ACA) – Photoshop & InDesign**

Course Number	Course Title	Length	Industry Certification(s)
8207310	Digital Information Technology**	1 credit	CIW Social Media Specialist
8209510	Digital Design 1**	1 credit	Adobe Certified Professional Bundle In Visual Design
8209520	Digital Design 2**	1 credit	Adobe Certified Professional Bundle In Visual Design
8209530	Digital Design 3 **	1 credit	Adobe Certified Professional Bundle In Visual Design

The purpose of this program is to prepare students for employment in the Digital Design industry as Information Technology Assistants, Production Assistants, Digital Assistant Designers, Graphic Designers, and Multimedia Designers. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and the relevant technical knowledge and skills needed to prepare for further education and careers in the Arts, A/V Technology and Communication career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Arts, A/V Technology and Communication career cluster. The content includes, but is not limited to, enhanced practical experiences in computer-generated art and text, graphic design, graphic production, digital design skills, preparation of digital layouts and illustrations, scanning, and the development of specialized multimedia presentations.

**8200410** **Business Cooperative Education – OJT** **12th Grade** **1.0 Credit**

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This course is designed to provide on-the-job training for the dedicated business student. In order to enroll in OJT, students must have completed one of the business programs; which consists of DIT, BSA I, and AOT or DIT, Digital Design 1 and Digital Design 2 (see previous descriptions) and must have teacher recommendation. Jobs must be business-oriented in nature.

\*\*Performing & Practical Fine Arts Credit

**CRIMINAL JUSTICE OPERATIONS**

The Criminal Justice Academy provides motivated students who are interested in pursuing careers in the following but not limited to: the judicial system, law enforcement, emergency management, forensic science, and crime scene investigation. Students enrolled in the courses listed below will also receive training in workplace essential skills for continuing educational classes after high school and obtain employment.

**8918010 Criminal Justice Operations 1 9th – 11th Grades 1.0 Credit**

This course is designed to provide students with broad introduction into the various career pathways of law enforcement, the judicial system, and the correctional system. The content includes career opportunities in these fields, interpersonal skills, and employability skills.

**8918020 Criminal Justice Operations 2 10th – 12th Grades 1.0 Credit**

**Prerequisite: Criminal Justice 1**

This course is designed to develop competencies in Patrol, Traffic Control, Defensive Tactics and Physical Proficiency Skills, and First Aid/CPR skills.

**8918030 Criminal Justice Operations 3 11th – 12th Grades 1.0 Credit**

**Prerequisite: Criminal Justice 1 and 2**

This course is designed to develop competencies in Crime and Accident Investigation Procedures, Forensic Science Tasks, Crime Prevention, and Property Control Procedures.

**9101100 Dispatcher: Police, Fire, Ambulance\* 12th Grade 1.5 Credits**

**Prerequisite: TEACHER RECOMMENDATION**

This course is designed to prepare students for certification and employment as a dispatcher: police, fire, ambulance (SOC 43-5031).

**8300330 Workplace Technology\* 12th Grade 0.5 Credit**

**Prerequisite: TEACHER RECOMMENDATION**

This course offers coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers.

**\*NOTE: These 2 courses link together to give students 2 full elective credits.**

**Industry Certification – 911 Public Safety Telecommunicator**



**EPIC TEACHING ACADEMY**

Sumter District Schools is proud to announce the EPIC Teaching Academy! The EPIC Teaching Academy is Extraordinary People Influencing Change. This teacher academy is carefully designed to promote building Sumter’s future educators. Each cohort will take a series of: high school future-educator electives, advanced course work through a combination of Advanced Placement and Dual Enrollment courses. EPIC students will also earn credit in the college-level educator elective courses offered at Lake Sumter State College.

Planned Program Initiatives:

- Optional paid employment through Sumter District Schools for 11<sup>th</sup> and 12<sup>th</sup> grade summers
- Hiring preference given as AVID tutors upon completion of academy
- Kelly Services/Fingerprinting fees waived upon completion of academy
- Year 3 “internship” experience within program
- College bound educational prep program
- Access to additional scholarship money
- DE coursework support by Academy teacher available for recommended courses
- Guaranteed job interview in Sumter for teaching position upon completion of education degree

Course Number	Course Title	Length
8909010	Introduction to the Teaching Profession	1 credit
8909020	Human Growth/Development	1 credit
8909030	Foundations of Curriculum & Instruction	1 credit
8909040	Principles of Teaching Internship	1 credit
EDF2005	Introduction to Education (DE)	1 credit

Recommended Courses

EDF2085	Teaching Diverse Populations (DE)	1 credit
EME2040	Technology for Educators (DE)	1 credit

**VIDEO PRODUCTIONS**

**8201510/20**                      **Television Production Technology 1, 2**                      **9th – 12th Grades**                      **1.0 Credit**

**Prerequisite: Teacher Recommendation and Program Acceptance**

These courses cover competencies in safety, lighting tasks, the use of basic television production equipment, scriptwriting, collaboration, research, and audio and video recording and editing. Students explore script-writing, audio and video recording and editing, set staging, and character generation. Students will perform lighting tasks, record and edit audio and video, and participate in all aspects of the television production process – from the initial stages of program creation to final editing. Students will perform advanced lighting tasks for television productions, demonstrate the mastery of competencies related to audio and video recording and editing operations, interpret scripts for television productions, and collaborate with others as part of the television production team. Students in these courses will create the Raider TV video announcements. These courses satisfy the Performing & Practical Fine Arts Credit.



**MUSIC, BAND & CHORUS**

<b>1302355</b>	<b>Marching Band</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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This is a year-long course for students who demonstrate proficiency in woodwind, brass and percussion techniques, music literacy, critical listening/aural skills, and ensemble performance skills, promotes greater engagement with and appreciation for music through performance and other experiences with a broad spectrum of music, as well as creativity through composition and/or arranging. Study includes cultivation of well-developed instrumental ensemble techniques and skills, music literacy and theory, and deeper aesthetic engagement with a wide variety of high-quality repertoire. All members of this group are members of the Marching Band and will represent our school through concerts, parades, in and out of state competitions, at the District Marching Festival, as well as District Concert Festivals, and District Solo & Ensemble Performance Assessment and all football games. These activities will incur additional fees. The entire group rehearses on Tuesday and Thursday after school until 6:30 PM, with the Percussion Section having additional rehearsals on Wednesday until 6:00 PM.

**Students will be required to attend all rehearsals and performances as a part of this course, including all football games.**

<b>1302500/10/20/30</b>	<b>Jazz Ensemble 1, 2, 3, 4</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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Students with experience on an instrument suited for jazz ensemble explore the fundamentals of performance practices, improvisation, and music theory through a diverse repertoire of high-quality jazz literature. Students learn the basics of foundational jazz styles, use chord symbols, develop knowledge of musical structure, and study the history of jazz and its iconic musicians. All members of this group are required to represent our school through concerts, in and out of state competitions, and the District Jazz Festival.

**Students will be required to attend all rehearsals and performances as a part of this course, including all football games.**

<b>1302460/70/80/90</b>	<b>Instrumental Ensemble 1, 2, 3, 4</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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These courses are for percussion students of moderate abilities wanting to showcase their talents in a unique setting. Percussion students MUST also be members of the Marching Band and can also be in the Band class. All members of this group are required to represent our school through concerts, parades, in and out of state competitions, at the District Marching Festival, as well as district Solo & Ensemble Music Performance Assessment.

**Students will be required to attend all rehearsals and performances as a part of this course, including all football games.**

<b>1305300/10/20/30</b>	<b>Eurhythmics 1, 2, 3, 4</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Teacher recommendation & audition.**

These courses are for members of Raider Band Color Guard and are members of the marching band. Equipment may consist of tall flags, short flags, swing flags, rifles, sabers, and a variety of other objects. All members of this group are members of the Marching Band and will represent our school through parades, in and out of state competitions, at the District Marching Festival, as well as District and Solo & Ensemble Performance Assessment. These activities will incur additional fees. The group rehearses with marching band on Tuesday and Thursday after school until 6:30 PM, with specific color guard rehearsal on Wednesday until 6:00 PM.

**Students will be required to attend all rehearsals and performances as a part of this course, including all football games. Color Guard members are required to take this course.**

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**1303300/10/20/30**                      **Chorus 1, 2, 3, 4**                      **9th – 12th Grades**                      **1.0 Credit**

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This year-long, formative class, designed for students with previous participation in a school chorus who have basic knowledge of note-reading and vocal technique, concentrates on providing students opportunities to strengthen existing skills in critical listening, vocal techniques, and ensemble performance using high-quality three- and four-part choral literature. Rehearsals focus on gaining independence in music literacy and aesthetic engagement through critical listening and thinking skills.

**Students will be required to attend all rehearsals and performances as a part of this course.**

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**1301320/30/40/50**                      **Guitar 1, 2, 3, 4**                      **9th – 12th Grades**                      **1.0 Credit**

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Students interested in learning how to play guitar, read chords and guitar tab are welcome to take this course. There are a limited number of acoustic guitars available on a first come first serve basis, otherwise you will need to bring your own instrument to class. If you have an electric guitar, you must provide your own patch chord and bring a small portable amp with you. Music and instruction booklets will be provided as needed.



**AP CAPSTONE DIPLOMA PROGRAM**

<b>1700500</b>	<b>AP Capstone Seminar</b>	<b>10th – 12th Grades</b>	<b>1.0 Credit</b>
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AP Seminar is a year-long course that has students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. This course will require a summer assignment.

<b>1700510</b>	<b>AP Capstone Research</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: AP Capstone Seminar**

AP Research is designed to allow students to dive into an academic topic, problem, or issue of individual interest. You will further develop the skills you acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic paper of 4,000-5,000 words and a presentation with an oral defense during which you will answer questions about your academic paper. This course will require a summer assignment.

**AVID**

<b>1700390/400/410/420</b>	<b>AVID 1, 2, 3, 4</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Teacher Recommendation and Program Acceptance**

AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society. See page 6 for more information on the program.

**PSYCHOLOGY**

<b>2107300/10</b>	<b>Psychology 1 &amp; 2</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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This course is an elective course that introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology.

<b>2107350</b>	<b>Advanced Placement Psychology</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Recommendation: FSA ELA Score Level 3-5**

AP Psychology is a full year, elective course that introduces a variety of topics beginning with *Scientific Foundations to Social Psychology*. There are a total of 9 units presented thematically. The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. Psychology is a science that seeks to answer questions about how we think, feel, and act. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. By participating in AP, you have the opportunity to earn up to 3 college credits by earning a passing score on the May Exam.

**HUMAN GEOGRAPHY**

<b>2103400</b>	<b>Advanced Placement Human Geography</b>	<b>9th – 12th Grades</b>	<b>1.0 Credit</b>
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**Recommendation: FSA ELA Score Level 3-5**

AP Human Geography is a full year, elective course that introduces a variety of topics beginning with *Thinking Geographically* to Urban Land Use Patterns and Processes. There are a total of seven units presented thematically. The course analyzes the "why of where." This refers to where things are the reasons why they are located there. Students will learn to analyze maps, images and data to grow their understanding of contemporary global issues. This course teaches special relationships at different scales ranging from local to global. The goal of the course is for students to become more geoliterate, more engaged in contemporary global issues and more informed about multicultural viewpoints. By participating in AP, you have the opportunity to earn up to 3 college credits by earning a passing score on the May Exam.

**WORLD LANGUAGES**

<b>0708340</b>	<b>Spanish 1</b>	<b>10th – 11th Grades</b>	<b>1.0 Credit</b>
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This course introduces the target language and its culture, developing communication skills and cross-cultural understanding. The content includes beginning skills in listening and speaking with special attention to pronunciation.

An introduction to reading and writing including the fundamentals of grammar and culture will be part of the curriculum.

<b>0708350</b>	<b>Spanish 2</b>	<b>11th – 12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Spanish 1**

This course develops increased listening, speaking, reading, and writing skills. Reading and writing receive more emphasis, while oral communication remains the primary objectives. In addition, this course continues the cultural survey of Spanish-speaking people.

**NOTE: TWO YEARS OF FOREIGN LANGUAGE ARE REQUIRED TO BE ACCEPTED IN A FOUR YEAR FLORIDA COLLEGE OR UNIVERSITY. TWO YEARS OF A FOREIGN LANGUAGE IS ALSO REQUIRED FRO BRIGHT FUTURES.**

**STUDENT SUCCESS**

<b>SLS1501</b>	<b>College Success – Foundations of Success</b>	<b>11th – 12th Grades</b>	<b>0.5 Credit</b>
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**3 Hours College Elective Credit (on campus dual enrollment) Plus .5 High School Credit**

This course is designed to assist students in making a successful transition into higher education by making critical connections; increasing self, knowledge of strengths and challenges; and developing academic, study, and personal strategies that are essential for success in college and beyond.

**COMPUTER SCIENCE****0200305                                      Computer Science Discoveries\*                                      10th - 12th Grades                                      1.0 Credit**

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Computer Science Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. The course focuses on the visible aspects of computing and computer science and encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. Computer science prepares all students to be active and informed contributors to our increasingly technological society whether they pursue careers in technology or not. Computer science can be life-changing, not just skill training.

**\*NOTE: This course can satisfy as one of the four required mathematics credits needed for graduation.**

**0200335                                      AP Computer Science Principles                                      10th - 12th Grades                                      1.0 Credit**

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AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

**NAVY NATIONAL DEFENSE CADET CORPS (NNDCC)**

The NNDCC program was established in 2008 and is conducted at accredited secondary schools throughout the nation by instructors who are retired Navy, Marine Corps, Coast Guard officers and enlisted personnel. The NNDCC curriculum emphasizes citizenship and leadership development as well as our maritime heritage, the significance of sea power and naval topics such as the fundamentals of naval operations, seamanship, navigation and meteorology. Classroom instruction is augmented throughout the year by community service activities, drill competition, field meets, flights, visits to naval activities, marksmanship training and other military training. The Navy provides uniforms, textbook and training aids.

**1802300/10/20/30**                      **Naval Science 1, 2, 3, 4**                      **9th – 12th Grades**                      **1.0 Credit**

The purpose of this course is to introduce students to the meaning of citizenship, the elements of leadership and the value of scholarship in attaining life goals. The course content will include an introduction to the NNDCC program, introduction to Leadership, Naval Ships, Mission and Organization, The Nation, Navy and the People in American Democracy, Maritime Geography, Sea power and Challenge, Naval History through 1815, Introduction to Navigation and Time, Basic Seamanship, Health Education, First Aid and Drugs, Alcohol and Tobacco Abuse.

**1801300/10/20/30**                      **Leadership & Training 1, 2, 3, 4**                      **11th – 12th Grades**                      **1.0 Credit**

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions and purpose of the NNDCC. The course includes 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 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, geography and basic map reading skills are incorporated.

**YEARBOOK**

**1700300**                      **Research 1 - Yearbook**                      **9th – 12th Grades**                      **1.0 Credit**

**Prerequisite: Teacher Recommendation and Program Acceptance**

In this course, students produce the *Raider Yearbook*. The course includes Journalism skills but with actual deadlines preparing pages of this year's *Raider Yearbook*. The content involves advanced forms of graphics and design with greater emphasis on journalistic decisions for the thematic development, revenue strategies, and utilization of various styles of writing and graphics, with journalistic options and career possibilities.

**STUDENT MENTORING**

**1400340**                      **Peers as Partners in Learning**                      **11th – 12th Grades**                      **1.0 Credit**

**Prerequisite: Teacher Recommendation and Program Acceptance**

This elective course is designed to provide peer supports for students with disabilities. The Peers as Partners in Learning program provides reciprocal academic, social, and interpersonal benefits to students with and without disabilities, in an inclusive setting. Inclusion means that students with disabilities receive services and supports in general education classrooms and settings with their same age peers without disabilities.

**9TH GRADE TRANSITION****2400310 Leadership Techniques 9th Grade 1.0 Credit**

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. The content should include, but not be limited to, the following: development in areas such as self-esteem, goal setting, and character building and enhanced leadership skills and the ability to function in both a group setting and the community. All non-AVID freshmen must take this course.

**HEALTH & PHYSICAL EDUCATION****NOTE: ALL PHYSICAL EDUCATION CLASSES ARE CO-EDUCATIONAL****1501300 Personal Fitness (online) 9th Grade 0.5 Credit**

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices. Students will combine the learning of principles and background information in a classroom setting with physical application of the knowledge. In addition to the physical education content represented in the benchmarks below, specific health education topics within this course should include, but are not limited to: Mental/Social Health, Physical Activity, Components of Physical Fitness, Nutrition and Wellness.

**1501310 Fitness Lifestyle Design (activity) 9th Grade 0.5 Credit**

This course emphasizes increasing strength and flexibility through weight training, stressing individual programs continued for adult fitness. Participate in a variety of activities that promote cardio-respiratory fitness, muscular strength and endurance, flexibility, and body composition.

**\*NOTE: These 2 courses link together to give students 1 full credit; both are required for graduation as PE & as the online course requirements**

**1503350 Team Sports 1 9th – 12th Grades 0.5 Credit****1503360 Team Sports 2 9th – 12th Grades 0.5 Credit**

This course teaches the knowledge and application of skills, techniques, strategies, rules, and safety practices for basketball, track and field, and volleyball. Strategies of team sports play, skill acquisition, and maintenance and/or improvement of personal fitness are stressed.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>1502410</b>	<b>Individual and Dual Sports 1</b>	<b>9th – 12th Grades</b>	<b>0.5 Credit</b>
<b>1502420</b>	<b>Individual and Dual Sports 2</b>	<b>9th – 12th Grades</b>	<b>0.5 Credit</b>

This is a survey course whose purpose is to acquire knowledge of individual and dual sports play, develop basic and/or improve health-related fitness.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>1501340</b>	<b>Weight Training 1</b>	<b>9th – 12th Grades</b>	<b>0.5 Credit</b>
<b>1501350</b>	<b>Weight Training 2</b>	<b>9th – 12th Grades</b>	<b>0.5 Credit</b>

This course stresses the importance of muscular strength and endurance, health problems associated with inadequate levels of muscular strength and endurance, knowledge of skeletal muscles, biomechanical and physiological principles to improve and maintain muscular strength and endurance, sound nutritional practices, and safety practices.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>1501360</b>	<b>Weight Training 3</b>	<b>11th – 12th Grades</b>	<b>0.5 Credit</b>
<b>1501410</b>	<b>Power Weight Training</b>	<b>11th – 12th Grades</b>	<b>0.5 Credit</b>

This course emphasizes knowledge and application of skills for beginning and intermediate weight training.

Select and perform complex movements using a variety of equipment, which lead to improved or maintained muscular strength and endurance.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>1503310</b>	<b>Basketball</b>	<b>10th – 12th Grades</b>	<b>0.5 Credit</b>
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This course teaches the knowledge and application of skills, techniques, strategies, rules, and safety practices for basketball. Strategies of team sports play, skill acquisition, and maintenance and/or improvement of personal fitness are stressed.

<b>1502470</b>	<b>Recreational Activities</b>	<b>10th – 12th Grades</b>	<b>0.5 Credit</b>
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This course teaches the knowledge and application of skills, techniques, strategies, rules, and safety practices for recreational activities. Strategies of team sports play, skill acquisition, and maintenance and/or improvement of personal fitness are stressed.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>0800320</b>	<b>First Aid &amp; Safety</b>	<b>9th – 12 Grades</b>	<b>0.5 Credit</b>
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The purpose of this course is to enable students to acquire skills in first aid, emergency care, and personal safety.

<b>1502490</b>	<b>Care &amp; Prevention of Athletic Injuries</b>	<b>9th – 12 Grades</b>	<b>0.5 Credit</b>
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The purpose of this course is to enable students to develop knowledge of the anatomy and physiology related to athletic injuries and skills related to the nature, prevention, care and rehabilitation of athletic injuries.

**\*NOTE: These 2 courses link together to give students 1 full credit.**

<b>1501380</b>	<b>Personal Fitness Trainer</b>	<b>12th Grades</b>	<b>1.0 Credit</b>
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**Prerequisite: Teacher recommendation**

This course is designed to teach students skills needed to train adults in muscular stabilization, endurance, strength and power, using variety of exercises and training modules. Students will learn aspects of business, safety standards and ethical issues involved in the career field of personal trainers. At the completion of this course students will have the opportunity to earn national certification as a Certified Personal Trainer from the National Association of Sports Medicine (NASM). It is recommended that students take First Aid & Safety and Care & Prevention of Athletic Injuries prior to taking this course.


Career Cluster: Agriculture, Food and Natural Resources					CTE Program: Agricultural Biotechnology - 8106600			
Career Cluster Pathway: Plant and Animal Systems					Industry Certification: Agricultural Biotechnology Technician (FLFBR002); (FLFBR007) Agricultural Associate			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Agriscience Foundations	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Agricultural Biotechnology 2	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, or ENC1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Agricultural Biotechnology 3	Foreign Language Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		CTE Elective in Agriscience or Agriculture Coop/OJT	Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
POST SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			Santa Fe College <a href="http://www.sfcollege.edu">www.sfcollege.edu</a> A.S. Degrees: Biotechnology Lab Technology			University of Florida <a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a> B.S. Degrees: Agriculture <i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i>		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Lab Technician, Agricultural Technician		Laboratory Technologist, First-Line Supervisor of Landscaping and Groundskeeping, Sales Rep. Scientific Products			AG Teacher, Botanist, Biotechnologist, Lab Technologist, Researcher		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)		Santa Fe College – up to 4 credits in Biotechnology Lab Technology A.S. degree program			PSAV/PSV to AAS or AS/BS/BAS		
Career and Technical Student Association								
FFA								
Internship/Work Experience Recommendations								
Laboratory assistant/volunteer								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.




Career Cluster: Agriculture, Food and Natural Resources				CTE Program: Horticulture Science & Services - 8121600				
Career Cluster Pathway: Plant Systems				Industry Certification: Certified Horticultural Professional (FNGLA001); Agricultural Associate (FLFBR007)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr),1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://flchoices.org">flchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Agriscience Foundations I	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Intro. to Horticulture 2 (PA)	Foreign Language
	11 <sup>th</sup>	English III, AP English, ENC1101 or ENC1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Horticulture Science 3 (PA)	Foreign Language Dual Enrollment Course* or AP Seminar
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		CTE Elective in Agriscience or Agriculture Coop/OJT	Add'l. Science, or equivalent dual enrollment course*, or AP Seminar
POST SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
		College of Central Florida – A.S. Agribusiness Management – Horticulture Specialization <a href="http://www.cf.edu">www.cf.edu</a>			University of Florida - Agricultural and Biological Engineering, Environmental Engineering, Horticultural Science, Landscape Architecture, Forest Resources and Conservation, Food and Agribusiness Marketing/Management			
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Landscape Technician, Agricultural Technician, Forest Ranger, Irrigation Installer, Pest Control Worker	First-Line Supervisory Landscaping & Grounds keeping Operations, Landscape Designer, Golf Course Operations Technician, Greenhouse Manager			Landscape Architect, Sales Manager of Agriculture & Scientific Products, Environmental Economist, Nursery Grower, Forester, Agrisystems Engineer, Botanist, Environmental Engineer			
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)	College of Central Florida - 6 credits in Agribusiness Management, A.S. – ORH1000C; ORH1510 FNGLA Certified Horticultural Professional – 5 credits in Agribusiness Management, A.S.			PSAV/PSV to AAS or AS/BS/BAS Gold Standard Articulation Agreement - FNGLA Certified Horticultural Professional, AS/AS Landscape and Horticulture Technology, 6 credits			
Career and Technical Student Association								
FFA								
Internship/Work Experience Recommendations								
Nursery work; landscaping helper; OJT								
*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.								


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Agriculture, Food and Natural Resources					CTE Program: Technical Agriculture Operations (8005100)			
Career Cluster Pathway: Agriculture Mechanics					Industry Certification: (FLFBR009) Agriculture Systems; (FLFBR007) Agricultural Associate; (FLFBR001) Agriculture Technician; (FLFBR004) 4 Agricultural Mechanics Specialist Certification			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Agriscience Foundations I	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Technical Agriculture Operations 2	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Technical Agriculture Operations 3	Dual Enrollment Course*, OJT, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Technical Agriculture Operations 4 or Agriculture Coop/OJT	Add'tl. Science, or equivalent dual enrollment course*, or AP Seminar
POST-SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			College of Central Florida <a href="http://www.cf.edu/programs">www.cf.edu/programs</a> <b>A.S. Degrees:</b> Agribusiness Management, Equine Studies <b>Certificates:</b> Equine Assistant Manager, Horticulture Technician			University of Florida <a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a> <b>B.S. Degrees:</b> Agriculture <i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i>		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Farm Equipment Mechanics and Service Technicians Agricultural Equipment Operators		Farm Equipment Mechanics and Service Technicians Agricultural Equipment Operators; Agribusiness Management; Agribusiness Sales and Services			Agribusiness Management; Agribusiness Sales and Services		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	N/A	College of Central Florida: 9 credits – ORH1000C; ORH1510; ANS1003			Statewide Articulation: FLFBR001 – AG Technician - 2 credits in A.S. Agriculture Production Technology program For a current list of agreements, visit <a href="http://www.fldoe.org">www.fldoe.org</a> , keywords: gold standard statewide articulation agreements		A.A./A.S. to B.A./B.S. Degree	
Career and Technical Student Association								
FFA – Agriculture student organization								
Internship/Work Experience Recommendations								
Job shadowing, On-the-Job Training, and professional organization experiences								


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Agriculture, Food and Natural Resources					CTE Program - Agritechnology - 8106800			
Career Cluster Pathway: Agribusiness					Industry Certification: Agriculture Technician (FLFBR001); (FLBRO07) Agricultural Associate			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Agriscience Foundations I	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Agritechnology I	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Agritechnology 2	Foreign Language ,Dual Enrollment Course*, OJT, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		CTE Elective in Agriscience or Agriculture Coop/OJT	Add'l. Science, or equivalent dual enrollment course*, or AP Seminar
POST-SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			College of Central Florida <a href="http://www.cf.edu/programs">www.cf.edu/programs</a> <b>A.S. Degrees:</b> Agribusiness Management, Equine Studies <b>Certificates:</b> Equine Assistant Manager, Horticulture Technician			<b>University of Florida</b> <a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a> <b>B.S. Degrees:</b> Agriculture <i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i>		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Animal/Livestock Caretaker, Lab or Forest Technician, Sports and Turfgrass Specialist		Greenhouse/Nursery Grower/Manager, Landscape Contractor/Designer, Equine Manager			Biologist, Extension Agent, Geneticist, Veterinarian, Agriculture Teacher, Agriculture Sales		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	N/A		<b>College of Central Florida: 9 credits – ORH1000C; ORH1510; ANS1003</b> <b>Statewide Articulation:</b> FLFBR001 – AG Technician - 2 credits in A.S. Agriculture Production Technology program. For a current list of agreements, visit <a href="http://www.fldoe.org">www.fldoe.org</a> , keywords: gold standard statewide articulation agreements			A.A./A.S. to B.A./B.S. Degree		
Career and Technical Student Association								
FFA – Agriculture student organization								
Internship/Work Experience Recommendations								
Job shadowing, On-the-Job Training, and professional organization experiences								


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Agriculture, Food and Natural Resources					CTE Program: Animal Sciences and Services - 8106200			
Career Cluster Pathway: Animal Systems					Industry Certification: Animal Science Certification (FLFBR005)			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Agriscience Foundations	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Animal Sciences and Services 2	Foreign Language
	11 <sup>th</sup>	English III, AP English, or *ENC 1101/ENC1102	Algebra II or *MAT1033 or *MAC1105 or *MGF1106	Chemistry or higher	US History or higher		Animal Sciences and Services 3	Foreign Language Dual Enrollment Course
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105 or *MGF1106	AP Environmental Science or equivalent dual enrollment course*	US Gov't. and Economics or higher		CTE Elective in Agriscience or Agriculture Coop/OJT	Add'tl. Science, or equivalent dual enrollment course
POST SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	N/A		Equine Studies, Agribusiness Management <a href="http://www.cf.edu">www.cf.edu</a>			Animal Sciences Wildlife Ecology & Conservation, Zoology, Marine Biology, Agricultural & Biological Engineering Veterinary Technology		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Veterinary Assistant, Park Ranger		Zoo Technician, Veterinary Technician, Equine Business Specialist, Laboratory Technician			Wildlife Ecologist, Marine Biologist, Zoo Keeper, Research Scientist, Animal Trainer, Sales Manager		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) <a href="https://www.sumter.k12.fl.us/Page/4976">https://www.sumter.k12.fl.us/Page/4976</a>		Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded) College of Central Florida – up to 6 credits Equine Studies, Agribusiness Management			PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)		
Career and Technical Student Association								
FFA								
Internship/Work Experience Recommendations								
Veterinary helper								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.


<b>Career Cluster: Health Science</b>				<b>CTE Programs: Allied Health Assisting (8417130) w/ Home Health Aide (8417190) &amp; EKG Aide (8417160)</b>			
<b>Career Cluster Pathway: Therapeutic Services</b>				<b>Industry Certification: Certified Nursing Assistant, Certified Medical Administrative Assistant, EKG Technician, Patient Care Technician</b>			
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>	
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	<b>CTE PATHWAY COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)
<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
<b>HIGH SCHOOL</b>	<b>9<sup>th</sup></b>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	<b>Digital Information Technology</b>
	<b>10<sup>th</sup></b>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Health Science Anatomy & Physiology Foreign Language or other elective appropriate to career and education plan
	<b>11<sup>th</sup></b>	English III, AP English, *ENC 1101 or ENC1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Health Science Foundations Foreign Language, AP Seminar, or other elective appropriate to career and education plan
	<b>12<sup>th</sup></b>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Allied Health, Home Health Aide, EKG Aide AP Psychology, AP Seminar or Dual Enrollment Course* or other elective appropriate to career and education plan
<b>POST-SECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.						
	<b>TECHNICAL COLLEGE PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>	
	<b>Lake Technical College</b> Certificates: Medical Assisting, Emergency Medical Technician, Patient Care Technician, Pharmacy Technician, Practical Nursing (LPN) <a href="http://www.laketech.org/programs">www.laketech.org/programs</a>		<b>Lake Sumter State College</b> <b>A.S. Degrees:</b> Health Information Technology, Nursing <b>A.S. to B.A.S.:</b> Organizational Management Certificates: Medical Information Coder/Biller, Medical Office Management <a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a>			<b>University of Central Florida</b> <b>B.S. Degrees:</b> Athletic Training, Communication Sciences and Disorders, Health Informatics, Health Services Administration, Medical Laboratory Sciences, Nursing <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a>	
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)						
	Certified Nursing Assistant, Medical Assistant, Paramedic/EMT, Pharmacy Technician		Registered Nurse, Medical Records Technician, Medical Secretary, Physical Therapy Assistant			Athletic Trainer, Registered Nurse, Health Science Teacher, Lab Technologist	
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities						
	90 Hours: Basic Health Care Worker in numerous programs		Lake Sumter State College : 10 credits depending in Health Information Technology A.S. program and Medical Office Management Certificate program; 7 credits in A.A. degree program; 1 preferred placement point in RN A.S. program			University of Central Florida: R.N. to B.S.N. Program (B.S.N.)	
<b>Career and Technical Student Association</b>							
<b>HOSA – Health Occupations Students of America</b>							
<b>Internship/Work Experience Recommendations</b>							
<b>Job shadowing and professional organization experiences; Hospital volunteering; OJT</b>							

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.


<b>Career Cluster: Law, Public Safety, and Service</b>					<b>CTE Program: Criminal Justice Operations 8918000 &amp; Public Safety Telecommunication 9101000</b>			
<b>Career Cluster Pathway: Law Enforcement Services</b>					<b>Industry Certification: (FDMQA030) 911 Public Safety Telecommunication; CPR/FA</b>			
	<b>16 CORE CURRICULUM CREDITS</b>					<b>8 ADDITIONAL CREDITS</b>		
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b>  FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	<b>CTE PATHWAY COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	<b>9<sup>th</sup></b>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	<b>Criminal Justice Operations 1</b>	Elective appropriate to career and education plan
	<b>10<sup>th</sup></b>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	<b>Criminal Justice Operations 2</b>	Foreign Language or other elective appropriate to career and education plan
	<b>11<sup>th</sup></b>	English III, AP English, *ENC1101 or ENC1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		<b>Criminal Justice Operations 3</b>	Foreign Language, Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
	<b>12<sup>th</sup></b>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		<b>911 Public Safety Telecommunication (1.5 cr.) Workplace Technology Applications (.5 cr.)</b>	Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
<b>POST-SECONDARY</b>	<b>Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.</b>							
	<b>TECHNICAL COLLEGE PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>				<b>UNIVERSITY PROGRAM(S)</b>	
	<b>Lake Technical College</b> Certificates: Correctional Officer; Law Enforcement Officer; Firefighter; 911 PST <a href="http://www.laketech.org/programs">www.laketech.org/programs</a>		<b>Lake Sumter State College</b> A.S. Degree: Criminal Justice Technology A.A. Degree: Meta Major Public Safety <a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a>				<b>University of Central Florida</b> B.S. Degrees: Criminal Justice <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a>	
<b>CAREER</b>	<b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>							
	Correctional Officer, Crime Scene Technician, Police Officer, Bailiff, 911 Dispatcher, Police Service Aide		Border Patrol Agent, Probation Officer, Game Enforcement Officer, Vocational Education Teacher, Forensic Science Technician, Police Officer, Fingerprint Identification Technician				State Trooper, Forensic Scientist, Prison Warden, FBI, INS, or CIA Agent, Secret Service, Criminologist, Sheriff	
<b>CREDIT</b>	<b>Articulation and CTE Dual Enrollment Opportunities</b>							
	Secondary to Technical Center (PSAV) <a href="https://www.sumter.k12.fl.us/Page/4976">https://www.sumter.k12.fl.us/Page/4976</a>		<b>Lake Sumter State College</b> : Up to 9 credits towards Criminal Justice Technology, A.S. or 6 credits towards A.A. degree <b>Statewide Articulation:</b> N/A				A.A./A.S. to B.A./B.S. Degree	
<b>Career and Technical Student Association</b>								
<b>FPSA – Florida Public Service Association</b>								
<b>Internship/Work Experience Recommendations</b>								
<b>Job shadowing, On-the-Job Training, and professional organization experiences</b>								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.




Career Cluster Arts, A/V Technology & Communication					CTE Program: Digital Design - 8209600			
Career Cluster Pathway: Visual Arts					Industry Certification: Adobe Certified Professional Bundle (ADOBE024)			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS(1 cr) PHYSICAL ED(1 cr) 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Digital Information Technology (PA)	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Digital Design 1 (PA)	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Digital Design 2 (PA)	Dual Enrollment Course*
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Digital Design 3 (PA)	Dual Enrollment Course*
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>COMMUNITY COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	Commercial Art Technology and Graphic Design (Cert.), Digital Printing Technology (Cert.), New Media Technology (Cert.), Commercial Art Technology (Cert.)		<b>College of Central Florida</b> <a href="http://www.cf.edu/programs">www.cf.edu/programs</a> <b>A.S. Degrees:</b> Digital Media Technology <b>Certificates:</b> Digital Media/Multimedia Authoring; Digital Media/Multimedia Web production; Graphic Design			Media and Communication Studies, Digital Media, Graphic Design, Commercial Art, Advertising, Media Production, Information Technology		
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Production Ass't., Digital Ass't. Designer, Desktop Publishing Spec., Printing Machine Operator		Graphic Designer, Multimedia Artist/Animator, Video Games Designer, Layout/Mechanical Artist, Book Designer			Web Administrator, Content Mgr., Advertising Exec., Marketing Mgr.		
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) (Minimum # of clock hours awarded)		Secondary to College Credit Certificate or Degree (Minimum # of clock or credit hours awarded)			PSAV/PSV to AAS or AS/BS/BAS (Statewide and other local agreements may be included here)		
Career and Technical Student Association								
FBLA – Future Business Leaders of America								
Internship/Work Experience Recommendations								
Job shadowing, On-the-Job Training, and professional organization experiences								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.


Career Cluster: Business, Management, & Administration				CTE Program: Administrative Office Specialist -8212500				
Career Cluster Pathway: Administrative & Information Support				Industry Certification: CIW Social Media Strategist (PROSO031); Microsoft Office Master Specialist Certification (MICOR017)				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES  FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Digital Information Technology (PA)	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Administrative Office Technology 1	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, *ENC 1101/1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Business Software Applications 1	Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Digital Design I (PA) or OJT	Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
<b>POST-SECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL COLLEGE PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>		
	<b>Lake Technical College</b> Certificates: Accounting Operations Administrative Office Specialist, Digital Design <a href="http://www.laketech.org/programs">www.laketech.org/programs</a>		<b>Lake Sumter State College</b> <b>A.S. Degrees:</b> Business Administration; <b>A.A. Degree</b> <b>A.S. to B.A.S.:</b> Organizational Management <b>Certificates:</b> Business Development and Entrepreneurship, Business Operations, Business Specialist <b>College of Central Florida</b> <b>A.S. Degrees: Office Administration</b> <a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a>			<b>University of Central Florida</b> <b>B.S. Degrees:</b> Accounting, Economics, Finance, General Business Administration, Management, Marketing, Real Estate <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a>		
<b>CAREER</b>	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Front Desk Specialist, Administrative Assistant, Loan Interviewer Clerk, Secretary, Human Resource Ass't.		Auditor, Business Operations Specialist, Entrepreneur/Business Owner, Executive Secretary, Human Resources Manager			Accountant, Auditor, Administrative Services Manager, Public Administration Official, Marketing Manager		
<b>CREDIT</b>	Articulation and CTE Dual Enrollment Opportunities							
	<b>150 hours: Information Technology Assistant</b> <b>300 hours: Front Desk Specialist</b>		<b>Lake Sumter State College :</b> 3 credits in numerous majors <b>College of Central Florida:</b> 3 credits for OST 1100 in Office Administration A.S. <b>Statewide Articulation:</b> 3 credits for MOS Bundle Certification toward Office Administration For a current list of agreements, visit <a href="http://www.fldoe.org">www.fldoe.org</a> , keywords: gold standard statewide articulation agreements			A.A./A.S. to B.A./B.S. Degree		
Career and Technical Student Association								
FBLA – Future Business Leaders of America								
Internship/Work Experience Recommendations								
Job shadowing, On-the-Job Training, and professional organization experiences								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.




Career Cluster: Education & Training				CTE Program: Early Childhood Education - 8405100				
Career Cluster Pathway: Teaching/Training				Industry Certification: Childhood Development Associate (CDA); Early Childhood Professional Certificate (ECPC); ServSafe Food Protection Manager				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES  FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Early Childhood Education 1	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Early Childhood Education 2	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Early Childhood Education 3 (PA)	Foreign Language , Dual Enrollment Course*, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Early Childhood Education 4	Dual Enrollment Course* , AP Seminar, or other elective appropriate to career and education plan
POST-SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			College of Central Florida <b>A.S. Degrees:</b> Early Childhood Education <b>Certificates:</b> Childcare Center Management, Child Development & Early Intervention <a href="http://www.cf.edu">www.cf.edu</a>			<b>University of Central Florida</b> <b>B.S. Degrees:</b> Early Childhood Development and Education <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a>		
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Child Care Worker		Child Development Center Director, Private Pre-School Teacher, Teacher Assistant			Kindergarten Teacher, Elementary School Teacher		
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) <a href="https://www.sumter.k12.fl.us/Page/4976">https://www.sumter.k12.fl.us/Page/4976</a>		<b>College of Central Florida</b> : 6 credits in Early Childhood Education A.S. <b>Statewide Articulation:</b> 9 credits for CDA (CPREC001) toward Early Childhood Education A.S. For a current list of agreements, visit <a href="http://www.fldoe.org">www.fldoe.org</a> , keywords: gold standard statewide articulation agreements			A.A./A.S. to B.A./B.S. Degree		
Career and Technical Student Association								
FFEA – Florida Future Educators Association								
Internship/Work Experience Recommendations								
Daycare helper; tutor; school volunteer								

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Arts, A/V Technology and Communication					CTE Program - Television Production Technology - 8201500			
Career Cluster Pathway: Journalism and Broadcasting					Industry Certification: ADOBE Bundle 2020-2021			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Television Production Technology 1 (PA)	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Television Production Technology 2 (PA)	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, or *ENC 1101 ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Television Production Technology 3 (PA)	Foreign Language, Dual Enrollment Course*, OJT, AP Seminar, or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Television Production Technology 4 (PA)	Add'tl. Science, or equivalent dual enrollment course*, or AP Seminar
POST-SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)				UNIVERSITY PROGRAM(S)	
	<b>Marchman Technical Education Center</b> <a href="http://mtec.pasco.k12.fl.us/">http://mtec.pasco.k12.fl.us/</a> Certificate: Digital Cinema		<b>College of Central Florida</b> <a href="https://www.cf.edu/">https://www.cf.edu/</a> <b>A.A.S. Degree:</b> Digital Media Technology, Web Design Specialization <b>Certificate:</b> Digital Media Technology; Digital Media/Multimedia Authoring; Digital Media/Multimedia Web Production; Graphic Design				<b>University of Central Florida</b> <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a> <b>B.A. Degrees:</b> Digital Media; Film; Film – Cinema Studies Track; Writing & Rhetoric <b>M.A. Degrees:</b> Digital Media; Interactive Entertainment	
CAREER	Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)							
	Demonstrator & Product Promoter; Correspondence Clerk; Musician & Singer; Merchandise Displayer & Window Trimmer		Multi-Media Artist & Animator; Set & Exhibit Designer; Audio & Video Equipment Technician; Broadcast Technician; Film & Video Editor; Media & Communication Equipment Worker				Producer & Director; Advertising & Promotions Manager; Art Director; Music Director & Composer; Broadcast News Analyst; Reporter & Correspondent	
CREDIT	Articulation and CTE Dual Enrollment Opportunities							
	Secondary to Technical Center (PSAV) <a href="https://www.sumter.k12.fl.us/Page/4976">https://www.sumter.k12.fl.us/Page/4976</a>		For a current list of statewide agreements, visit <a href="http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml">http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</a> and keywords: Gold Standard statewide articulation agreements.					
<b>Career and Technical Student Association</b>								
SkillsUSA is the intercurricular career and technical student organization(s) providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered.								
<b>Internship/Work Experience Recommendations</b>								
Job shadowing and professional organization experiences								


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Education and Training				CTE Program - Principles of Teaching (EPIC) -8909000				
Career Cluster Pathway: Professional Support Services				Industry Certification: Microsoft Office Certification Bundle; MICRO069				
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	CTE PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>								
MIDDLE/HIGH SCHOOL	7 <sup>th</sup> /8 <sup>th</sup>	Advanced Language Arts	Algebra I, Algebra I Honors, or Geometry Honors	Physical Science Honors (HS credit)				
	9 <sup>th</sup>	English 1, AICE General Paper or Pre-AP English 1	Geometry Honors or Algebra II Honors	Biology Honors or AICE Marine Science	AP Human Geography	Personal Fitness, Freshman Transition	Introduction to the Teaching Profession	
	<b>PERT Test—Need qualifying score for entrance into Dual Enrollment</b>							
	10 <sup>th</sup>	English II, AICE General Paper, Pre AP English II, AICE English Language AS	Algebra II, Pre-Calculus	Biology or Chemistry Honors	AP/AICE Equivalent to World History, International History or US History		Human Growth & Development	Foreign Language for SUS admission AP Capstone Courses/AICE Diploma requirements.
	11 <sup>th</sup>	AP English Language Composition, AICE English Language A, or dual enrollment equivalent (ENC 1101/ENC 1102)	Algebra II, Pre-Calculus, MCR, Math Analysis Honors/MAT 1033, MAC 1105, MGF 1106, or MGF 1107	AICE/AP Equivalent Biology, Environmental Science, or Chemistry Honors	AP/AICE Equivalent to World History, International History or US History	Practical Arts or Fine Arts course (1 credit)  EDF 2005/EDF 2085	Foundations of Curriculum & Instruction and Principles of Teaching Internship	Foreign Language for SUS admission AP Capstone Courses/AICE Diploma requirements
	12 <sup>th</sup>	AP Literature, AICE Literature AS or DE equivalent (ENC 1101/ENC 1102)	Algebra II, Pre-Calculus, LAM, Math Analysis Honors/MAT 1033, MAC 1105, MGF 1106, or MGF 1107	AICE/AP Equivalent Environmental Science, or Chemistry Honors	AP/Honors Govt. and AP Macroeconomics or equivalent dual enrollment	EDE2040	Foundations of Curriculum & Instruction and Principles of Teaching Internship	Foreign Language for SUS admission AP Capstone Courses/AICE Diploma requirements
POST-SECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL COLLEGE PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
	Orange Technical College <a href="https://www.orangetechcollege.net/">https://www.orangetechcollege.net/</a> Certificates: Child Care Center Operations		Lake Sumter State College <a href="http://www.lssc.edu">www.lssc.edu</a> Associate Degree – General Studies B.S. Degree in Education			University of Central Florida <a href="http://www.ucf.edu/academics">www.ucf.edu/academics</a> B.S. Degree in Education: Early Childhood Development and Education; Elementary; Exceptional Student; English Language Art; Mathematics; Science; Social Science; Sport & Exercise; Art; Physical Education; World Language; & Technical & Industry Training Education M.Ed. Degree: Education		
Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)								


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

	Teacher Assistant; Concierges; Correspondence Clerk	Social & Community Service Manager; Meeting, Convention, & Event Planner; Life, Physical, & social Science Technician; Preschool Teacher; Recreation Worker; Vocational Education Teacher, Postsecondary	Education Administrator, Elementary & Secondary; Elementary School Teacher; Kindergarten Teacher; Public Relations & Fundraising Manager; Human Resources Manager; Education Administrator, Preschool & Childcare; Human Resources Specialist; Labor Relations Specialist; Training & Development Specialist; Social Worker
CREDIT	Articulation and CTE Dual Enrollment Opportunities (Based on articulations as of December 2019)		
	At the time of publication, there was no local articulation agreement for this program. For a current list of local agreements, visit <a href="https://www.sumter.k12.fl.us/Page/4976">https://www.sumter.k12.fl.us/Page/4976</a>	For a current list of statewide agreements, visit <a href="http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml">http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</a> , and keywords: Gold Standard statewide articulation agreements.	A.A./A.S. to B.A./B.S. Degree
<b>Career and Technical Student Association</b>			
<b>FFEA – Future Educators of America</b>			
<b>Internship/Work Experience Recommendations</b>			
<b>Internship</b>			


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Health & Physical Education					Program: Health and Physical Education			
Career Cluster Pathway:					Industry Certification: NASM Personal Fitness Trainer			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Individual & Dual Sports 1 & 2 or Team Sports 1 & 2	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Weight Training & 2	Foreign Language
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Weight Training 3 & Power Weights	Foreign Language Dual Enrollment Course*
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Personal Fitness Trainer	Dual Enrollment Course*
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			Lake Sumter State College A.A. Meta Major – Health Sciences  AA Requirements - <a href="http://lssc.edu/academics/degrees/Pages/AA.aspx">http://lssc.edu/academics/degrees/Pages/AA.aspx</a>			University of Central Florida Athletic Training Health Sciences		
<b>CAREER</b>	*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.							
						Athletic Trainer, Sports Medicine, Personal Trainer, Health Educator, PE Teachers		


\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster: Performing Arts					Program: Music			
Career Cluster Pathway:					Industry Certification: N/A			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>• Students are encouraged to use <a href="http://flchoices.org">flchoices.org</a> to explore careers and postsecondary options.</li> <li>• Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Scholars course requirements.</li> <li>• One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Eurhythmics I, Instrumental Ensemble I, Band I, Chorus I	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Eurhythmics II, Instrumental Ensemble II, Band II, Chorus II	Foreign Language or other elective appropriate to career and education plan
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Eurhythmics III, Instrumental Ensemble III, Band III, Chorus III	Dual Enrollment Course* or other elective appropriate to career and education plan
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Eurhythmics IV, Instrumental Ensemble IV, Band IV, Chorus IV	Dual Enrollment Course* or other elective appropriate to career and education plan
<b>POSTSECONDARY</b>	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	<b>TECHNICAL CENTER PROGRAM(S)</b>	<b>STATE COLLEGE PROGRAM(S)</b> Lake Sumter State College – A.A. – Meta-Major in Arts, Humanities, Communication and Design AA Requirements - <a href="http://lssc.edu/academics/degrees/Pages/AA.aspx">http://lssc.edu/academics/degrees/Pages/AA.aspx</a>				<b>UNIVERSITY PROGRAM(S)</b> University of Central Florida – Music Education, B.M.E.; Music Composition, B.M.; Music Performance, B.M.		
<b>CAREER</b>							Musician, Band Director, Teacher of Music/Band	

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.


Career Cluster: Military Studies					Program: Navy National Defense Cadet Core (NNDCC)			
Career Cluster Pathway:					Industry Certification: N/A			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Naval Science I	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II or higher	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Naval Science II	Foreign Language
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Naval Science III, Leadership Education and Training I	Foreign Language , Dual Enrollment Course* Focus on science/math
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		Naval Science IV, Leadership Education and Training II	Dual Enrollment Course* Focus on science/math
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			Lake Sumter State College - A.A. Degree AA Requirements - <a href="http://lssc.edu/academics/degrees/Pages/AA.aspx">http://lssc.edu/academics/degrees/Pages/AA.aspx</a>			Bachelor of Arts, Bachelor of Science		
CAREER	*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.							
	Enlisted Military Member					Military Officer		

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.


Career Cluster: Visual Arts					Program: Art			
Career Cluster Pathway:					Industry Certification: N/A			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS		
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)	
HIGH SCHOOL	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>							
	9 <sup>th</sup>	English I or higher	Algebra 1 or higher	Physical Science or higher	Elective or AP Human Geography	Personal Fitness, Freshman Transition	Two Dimensional Studio Art 1	Elective appropriate to career and education plan
	10 <sup>th</sup>	English II	Geometry 1 or higher	Biology or higher	World History or higher	Fine Arts or eligible Practical Arts course	Two Dimensional Studio Art 2	Foreign Language
	11 <sup>th</sup>	English III, AP English, *ENC 1101 or ENC 1102	Algebra II or *MAT1033 or *MAC1105	Chemistry or higher	US History or higher		Pre-AP Visual Arts	Foreign Language
	12 <sup>th</sup>	English IV, AP English, or *SPC 2608 or *ENC2300	Math for College Readiness, Pre-Calculus, AP math, or *MAT1033 or *MAC1105	AP science course or equivalent dual enrollment course*	US Gov't. and Economics or higher		AP 2-D Design Portfolio	Dual Enrollment Course*
POSTSECONDARY	Based on the Career Cluster of interest and identified career and technical education program, the following postsecondary options are available.							
	TECHNICAL CENTER PROGRAM(S)		STATE COLLEGE PROGRAM(S)			UNIVERSITY PROGRAM(S)		
			<b>Lake Sumter State College</b> A.A. – Meta Major – Arts, Humanities, Communication and Design A.S. – Digital Design, New Media Technology AA Requirements - <a href="http://lssc.edu/academics/degrees/Documents/Associate%20in%20Arts.pdf">http://lssc.edu/academics/degrees/Documents/Associate%20in%20Arts.pdf</a>			<b>University of Central Florida</b> Art Education, Art History, Art Studio, Visual Arts and Emerging Media Management		
CAREER	*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.							
							Art Teacher, Artist, Marketing, Design	

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.




College Career Cluster: University Bound Track				Program: AP Capstone & AICE Diploma Track			
College Career Cluster Pathway:				Industry Certification: N/A			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>						
	<b>7th</b>	Advanced Language Arts	Algebra I Honors	Advanced 7 <sup>th</sup> Grade Life Science	Civics		
	<b>8th</b>	Advanced Language Arts	Geometry Honors	Physical Science (HS credit)	World History/Cultures		
	<b>9<sup>th</sup></b>	AP Track: Pre- AP English I AICE Track: General Paper AS	Algebra II Honors	AP Track: Biology Honors AICE Track: Marine Science AS	AP Track: AP Human Geography AICE Track: Int. History AS	PE req't., Freshman Transition Course	
	<b>10<sup>th</sup></b>	AP Track: Pre AP English II AICE Track: English Language AS	Pre-Calculus	AP Track: Chemistry Honors AICE Track: Biology Honors	AP Track: AP World History AICE Track: US History AS	AP Track: AP Seminar	Foreign Language 1 AP Track: AP Computer Science AICE Track: Psychology AS or Computer Science AS
	<b>11<sup>th</sup></b>	AP Track: Eng. Lang/Comp. or AP Literature AICE Track: English Language A	AP Calculus or AP Statistics	AP Track: AP Environmental Science or AP Biology AICE Track: Environmental Management AS	AP Track: AP US History	AP Track: AP Research AICE Track: Global Perspectives AS	Foreign Language 2 AP Track: AP Computer Science, AP Psychology AICE Track: Psychology AS or Computer Science AS
	<b>12<sup>th</sup></b>	AP Track: Eng. Lit/Comp. or AP Literature AICE Track: Literature AS	AP Calculus BC or AP Statistics	AP Track: AP Environmental Science, AP Biology or AP Physics AICE Track: IGSE Chemistry	AP Track: AP Gov't. and AP Macroeconomics AICE Track: Gov't. and Economics Honors	AICE Track: Global Perspectives A	AP Track: AP Computer Science, AP Psychology
<b>POSTSECONDARY</b>	<ol style="list-style-type: none"> <li>See <a href="http://collegeboard.org">collegeboard.org</a> for AP Capstone Diploma and Certification minimum requirements</li> <li>See <a href="http://cambridgeinternational.org">cambridgeinternational.org</a> for AICE Diploma minimum requirements</li> </ol>						
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>	

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

College Career Cluster: Early Admittance to LSSC (Senior Year)				Program: Dual Enrollment/ Advanced Placement			
College Career Cluster Pathway: Meta-Majors				Industry Certification: N/A			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	ENGLISH 4 credits	MATH 4 credits	SCIENCE 3 credits, 2 with lab	SOCIAL STUDIES 3 credits	OTHER REQUIRED COURSES FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	PATHWAY COURSES	RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>Students are encouraged to use <a href="http://fchoices.org">fchoices.org</a> to explore careers and postsecondary options.</li> <li>Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Scholars course requirements.</li> <li>One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>						
	<b>7th</b>	Advanced Language Arts	Algebra I Honors	Advanced 7 <sup>th</sup> Grade Life Science	Civics		
	<b>8th</b>	Advanced Language Arts	Geometry Honors	Physical Science (HS credit)	World History/Cultures		
	<b>9th</b>	Pre AP English 1	Algebra II Honors	Biology Honors	AP Human Geography	PE req't., Freshman Transition Course	Career Program of Choice
	<b>Test:</b>	<b>*PERT Test--Need qualifying score for entrance into DE*</b>					
	<b>10<sup>th</sup></b>	Pre AP English 2	Pre-Calculus Math, MAT 1033/Math Analysis Honors	Chemistry Honors	AP World History		Career Program of Choice Foreign Language
	<b>11<sup>th</sup></b>	AP Eng. Lang/Comp., ENC1101, and/or ENC1102	AP Calculus, AP Statistics, MAC 1105*, MGF 1106*, MGF1107*, STA 2023	AP Environmental Science or Anatomy & Physiology Honors	AP US History		Career Program of Choice Foreign Language AP Psychology
	<b>12<sup>th</sup></b>	AP Eng. Lit/Comp. or SPC 2608	AP Calculus AP Statistics, STA 2023* or sequential dual enrollment math course*	AP Environmental Science or equivalent dual enrollment*	AP Gov't. and AP Macroeconomics or equivalent dual enrollment*		ENC 2300 or ENC 2210
<b>POSTSECONDARY</b>	<ol style="list-style-type: none"> <li>See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.</li> <li>Early admittance senior year allows for a minimum of 12 hours college credit. Alternatively, a student may take a combination of AP, DE, or completion of CTE track, as long as student is on campus at least one DESIGNATED period a day and meets the hourly requirement to be considered 'full time.'</li> </ol>						
	<b>TECHNICAL CENTER PROGRAM(S)</b>		<b>STATE COLLEGE PROGRAM(S)</b>			<b>UNIVERSITY PROGRAM(S)</b>	
			Lake Sumter State College – A.A. Track; Meta- Majors Arts, Humanities, Communication & Design; Business; Education; Health Sciences; Industry/Manufacturing & Construction; Public Safety; STEM; Social & Behavioral Sciences & Human Services AA Requirements - <a href="http://lssc.edu/academics/degrees/Documents/Associate%20in%20Arts.pdf">http://lssc.edu/academics/degrees/Documents/Associate%20in%20Arts.pdf</a>			Bachelor of Arts	

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.

Career Cluster:				CTE Program:			
Career Cluster Pathway:				Industry Certification:			
	16 CORE CURRICULUM CREDITS					8 ADDITIONAL CREDITS	
	<b>ENGLISH</b> 4 credits	<b>MATH</b> 4 credits	<b>SCIENCE</b> 3 credits, 2 with lab	<b>SOCIAL STUDIES</b> 3 credits	<b>OTHER REQUIRED COURSES</b> FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE	<b>CTE PATHWAY COURSES</b>	<b>RECOMMENDED ELECTIVES</b> (ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS)
<b>HIGH SCHOOL</b>	<ul style="list-style-type: none"> <li>• Students are encouraged to use <a href="http://mycareershines.org">mycareershines.org</a> to explore careers and postsecondary options.</li> <li>• Students are also encouraged to participate in dual enrollment courses which may be used to satisfy high school graduation or Bright Futures Gold Seal Vocational Scholars course requirements.</li> <li>• One course within the 24 credit program must be an online course. Cumulative GPA of 2.0 on a 4.0 scale for 24 credit program</li> </ul>						
	9th						
	10th						
	11th						
	12th						

\*See the Articulation Coordinating Committee's Dual Enrollment Equivalency List and the Bright Futures Comprehensive Course Table.