

# ***SOUTH SUMTER HIGH SCHOOL***



## ***CURRICULUM GUIDE 2017-18***

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***SOUTH SUMTER HIGH SCHOOL***

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PRINCIPAL

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SEE YOUR COUNSELOR FOR SCHOLARSHIP OPPORTUNITIES  
or DIPLOMA OPTIONS!

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PARENTS CAN CALL 793-3131 AND SCHEDULE AN APPOINTMENT FOR  
ACADEMIC PLANNING

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, you will have some of the best options available to prepare you for the future. AP and Dual Enrollment courses afford students the opportunity to earn college credit while in high school. There are a number of vocational programs available that will allow you the chance to earn an industry certification and help you with employment.

The variety of academic and career preparations programs at South Sumter High School offers something for everyone.

## **GRADUATION REQUIREMENTS**

Requirements for a 24-credit standard diploma

- 4 Credits in English Language Arts
- 4 Credits in Mathematics
  - \* One must be Algebra 1 and one must be Geometry
- 3 Credits in Science
  - \*One must be Biology
- 3 Credits in Social Studies
  - \* 1 Credit in World History
  - \* 1 Credit in US History
  - \* .5 Credit in US Government
  - \* .5 Credit in 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 I EOC (or comparative score on the PERT)
- Pass the 10<sup>th</sup> 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, Algebra 2 (if enrolled)

Visit <http://www.fldoe.org/academics/graduation-requirements/> or see you Guidance Counselor to find out about other types of diploma options.

## **PROMOTION/CLASS PLACEMENT REQUIREMENTS:**

- In order to enter **10<sup>th</sup>** grade, a student must have **5** credits (one must be English or Math) and a 1.8 GPA by August 1, 2017.
- To progress to **11<sup>th</sup>** grade, a student must have **10** credits by August 1, 2017.
- To progress to **12<sup>th</sup>** grade, a student must have **17** credits by August 1, 2017.

## **NCAA 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. For more information and to view SSS's Core class list visit the NCAA Eligibility Center's website

<https://web3.ncaa.org/ecwr3/>

## **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 parents and students to interpret the results of these tests. The following tests are given:

- ELA Reading & Writing
- Algebra 1 EOC
- Geometry EOC
- Algebra 2 EOC
- Biology EOC
- US History EOC
- ASVAB
- PERT
- PSAT
- Advanced Placement Exams
- 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 given free to all Juniors once a year at SSHS on the SAT school day for Juniors.**

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

## **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 grade of 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. Below are the planned AP courses for SSHS

| <b>COURSE</b>                  | <b>COURSE CODE</b> | <b>GRADE LEVEL</b> |
|--------------------------------|--------------------|--------------------|
| CALCULUS AB                    | 1202310            | 11, 12             |
| COMPUTER SCIENCE PRINCIPLES    | 0200335            | 11, 12             |
| ENGLISH LANGUAGE & COMPOSITION | 1001420            | 11, 12             |
| ENVIRONMENTAL SCIENCE          | 2001380            | 10, 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             |
| 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 10<sup>th</sup> grade ELA Reading and Writing (level 3 or better)
- 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.
  - When taking 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.

Minimum College Readiness scores needed to qualify for Dual Enrollment

| PERT        | SAT        | ACT        |
|-------------|------------|------------|
| 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 will be offered on the SSHS campus next year. All other Dual Enrollment classes will be 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 TO BE AWARE OF THE DUAL ENROLLMENT POLICIES AND DEADLINES. For more information concerning Dual Enrollment at LSSC, go to [www.lssc.edu](http://www.lssc.edu)

### **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 FREQUENTLY CHECK THEIR BRIGHT FUTURES STATUS AND STAY ON TRACK AT <https://www.floridashines.org/> or <https://www.floridashines.org/go-to-college/pay-for-college>

## **AVID**

**AVID 1, 2, 3, 4**                      **9<sup>th</sup> – 12<sup>th</sup> Grade**      **1.0 Credit**      **1700390/400/410/420**

AVID's mission is to close the achievement gap by preparing all students for college readiness and success in a global society.

### **What is AVID?**

- An acronym that stands for 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.

### **What is included in the AVID curriculum?**

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, Motivational activities**

### **How are AVID students selected?**

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
- First in Family to Attend College
- Historically Underrepresented in 4-year Colleges
- Economically Disadvantaged
- Other Special Circumstances

### **Once selected for AVID, what are the student requirements?**

AVID students must:

- Attend an AVID elective class
- Enroll in one or more advanced academic classes (Pre-AP or AP) 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

## **LANGUAGE ARTS**

**English 1** **9<sup>th</sup> Grade** **1.0 Credit** **1001310**

This course includes literal and inferential comprehension reading skills in a world literature survey course. Composition focuses on formal writing, using all stages of the writing process. In addition, a review of grammar, usage, spelling, and mechanics is included. Formal and informal speaking opportunities are provided.

**English Honors 1** **9<sup>th</sup> Grade** **1.0 Credit** **1001320**

**Prerequisite: Level 3 or above on 8<sup>th</sup> grade FSA-ELA, teacher recommendation and a B or better in the previous English class. The student must read department chosen novel over summer, complete a typed book review and take a test during the first week of school.**

This course promotes academic excellence in language arts through enriched experience in literature, writing, speaking, and listening. The content includes instruction and specific activities for critical analysis of major literary genres, developing the writing process, speaking formally, and developing the critical skills of listening, observing and mechanics.

**English 2** **10<sup>th</sup> Grade** **1.0 Credit** **1001340**

**Prerequisite: English 2**

This course features a great deal of writing and includes reading and vocabulary necessary for comprehending the world literature selections. Composition focuses on essays for various purposes and various audiences while using literary and non-literary subjects. Formal and informal speaking opportunities are provided.

**English Honors 2** **10<sup>th</sup> Grade** **1.0 Credit** **1001350**

**Prerequisite: Level 3 or above on 9<sup>th</sup> FSA-ELA, teacher recommendation and a B or better in the previous English class. The student must read department chosen novel over summer, complete a typed book review and take a test during the first week of school.**

This course provides instruction in universal themes found in world literature. Composition emphasizes creative, logical, and critical aspects of writing using the writing process, prewriting, drafting, and revising. In addition, language skills include usage, mechanics, and elements of advanced sentence structure. Formal and informal speaking opportunities are provided. Vocabulary focuses on various word forms, enhancing original sentences, and brief, creative stories.

**English 3** **11<sup>th</sup> Grade** **1.0 Credit** **1001370**

**Prerequisite: English II**

This course features instruction in selections of American literature and informational texts and includes literary analysis writing. Focus will be on Common Core benchmarks as prescribed by the State Legislature. Students will receive direct instruction in the conventions of standard English grammar. Students will be instructed in the composition of paragraphs and essays that reflect college level writing. Preparation for the SAT will be integrated into the lessons.



**English 4 College Preparatory Course**                  **12<sup>th</sup> Grade**    **1.0 Credit**    **1001405**

**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.

**Advanced Placement English Language**                  **11<sup>th</sup>/12<sup>th</sup>**                  **1.0 Credit**    **1001420**  
**and Composition**

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.

**DUAL ENROLLMENT**

**College Composition 1**    **11<sup>th</sup> – 12<sup>th</sup> Grades**    **ENC 1101**

**Prerequisites: 3.0 GPA and Passing 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.

**Composition Literature**    **11<sup>th</sup> – 12<sup>th</sup> Grades**    **ENC 1102**

**Prerequisite: ENC1101 with a grade of “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.

**Composition: Argumentation**    **12<sup>th</sup> Grade**    **ENC 2300**

**Prerequisite: ENC1102 with a grade of “C” or higher**

The student will develop skills focusing on argumentation with emphasis on logical development of ideas. This course includes a unit in oral skills and communication and at least one oral presentation will be required.

## **MATHEMATICS**

|                           |                         |                          |                       |
|---------------------------|-------------------------|--------------------------|-----------------------|
| <b><u>Algebra 1A*</u></b> | <b><u>9th Grade</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1200370</u></b> |
|---------------------------|-------------------------|--------------------------|-----------------------|

**Prerequisite: FSA Math Level 1-2 or Teacher Recommendation**

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. This is the first of a two-part sequence of courses, Algebra IA and Algebra IB.

|                           |                         |                          |                       |
|---------------------------|-------------------------|--------------------------|-----------------------|
| <b><u>Algebra 1B*</u></b> | <b><u>9th Grade</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1200380</u></b> |
|---------------------------|-------------------------|--------------------------|-----------------------|

**Prerequisite: Algebra 1A**

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. This is the second of a two-part sequence of courses, Algebra IA and Algebra IB. \*Together, the two courses have the same requirements as Algebra I, Course Number 1200310.

|                         |                         |                          |                       |
|-------------------------|-------------------------|--------------------------|-----------------------|
| <b><u>Algebra 1</u></b> | <b><u>9th Grade</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1200310</u></b> |
|-------------------------|-------------------------|--------------------------|-----------------------|

**Prerequisite: FSA Math Level 2-5 or Teacher Recommendation**

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><u>Geometry</u></b> | <b><u>9th – 11th Grades</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1206310</u></b> |
|------------------------|---------------------------------|--------------------------|-----------------------|

**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><u>Geometry Honors</u></b> | <b><u>9th – 11th Grades</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1206320</u></b> |
|-------------------------------|---------------------------------|--------------------------|-----------------------|

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

**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, functions, properties of two & three dimensional figures, perimeter, areas and volume.

|                         |                                 |                          |                       |
|-------------------------|---------------------------------|--------------------------|-----------------------|
| <b><u>Algebra 2</u></b> | <b><u>9th – 12th Grades</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1200340</u></b> |
|-------------------------|---------------------------------|--------------------------|-----------------------|

**Prerequisite: Algebra 1 or Teacher Recommendation**

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.

|                                |                                 |                          |                       |
|--------------------------------|---------------------------------|--------------------------|-----------------------|
| <b><u>Algebra 2 Honors</u></b> | <b><u>9th – 10th Grades</u></b> | <b><u>1.0 Credit</u></b> | <b><u>1200340</u></b> |
|--------------------------------|---------------------------------|--------------------------|-----------------------|

**Prerequisite: Algebra 1 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.

**Mathematics for College Readiness      10<sup>th</sup> – 12<sup>th</sup> Grades    1.0 Credit    1200700**

**Prerequisite: Algebra 1 with NO “College Ready” score**

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

**Pre-Calculus      10<sup>th</sup> – 12<sup>th</sup> Grades    1.0 Credit    1202340**

**Prerequisite: Algebra 2 Honors with a “College Ready” score.**

The purpose of this course is to enable students to develop concepts and skills in advanced algebra, analytic geometry, and trigonometry. **THIS COURSE IS RECOMMENDED BEFORE COLLEGE ALGEBRA.**

**Advanced Placement Calculus      11<sup>th</sup> – 12<sup>th</sup> Grades    1.0 Credit    1202310**

**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

**Advanced Placement Statistics      10<sup>th</sup> – 12<sup>th</sup> Grades    1.0 Credit    1210320**

**Prerequisite: Algebra 2 with Teacher Recommendation**

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

**Liberal Arts Mathematics 2      10<sup>th</sup> – 12<sup>th</sup> Grades    0.5 Credit    1208300**

**Prerequisite: Algebra 1 or equivalent and Placement Test**

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.

**College Intermediate Algebra      10<sup>th</sup> – 12<sup>th</sup> Grades    0.5 Credit    MAT1033**

**Prerequisite: Placement Test**

**3 Hours College Credit (on campus dual enrollment)**

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.

## SCIENCE

**Earth Space Science\*                      9<sup>th</sup> – 10<sup>th</sup> Grades      1.0 Credit      2001310**

This course includes exploration of the universe combined with in-depth study of the earth, its composition, structure, and history, as well as surface and subsurface activity. Laboratory and practical experience constitute an integral part of the course.

**Earth Space Science Honors\*                      9<sup>th</sup> Grade                      1.0 Credit      2001320**

This course includes exploration of the universe combined with in-depth study of the Earth, its composition, structure, and history, as well as the surface and subsurface activity. Laboratory and practical experience constitute an integral part of the course.

**Biology I\*    10<sup>th</sup> – 12<sup>th</sup> Grades      1.0 Credit      2000310**

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.

**Biology Honors I\*    9<sup>th</sup> – 10<sup>th</sup> Grades      1.0 Credit      2000320**

**Prerequisite: Teacher Recommendation**

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, micro-organisms 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.

**Chemistry I\*    11<sup>th</sup> – 12<sup>th</sup> Grade      1.0 Credit      2003340**

**Prerequisite: Biology I & 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.

**Chemistry I Honors\*    10<sup>th</sup> – 12<sup>th</sup> Grades      1.0 Credit      2003350**

**Prerequisite: Teacher Recommendation, Biology I & 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.

**Advanced Placement Physics 11<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 2003421**

**Prerequisite: Teacher Recommendation**

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.

**Anatomy and Physiology Honors 11<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 2000360**

**Prerequisite: Teacher Recommendation, Biology I & Chemistry I**

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.

**Advanced Placement Environmental Science 10<sup>th</sup>-12<sup>th</sup> Grades 1.0 Credit 2001380**

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.

**\*ALL CORE SCIENCE CLASSES REQUIRE ALL STUDENTS TO DO A SCIENCE “EXPERIMENT” OR “FAIR” PROJECT.**

## **SOCIAL STUDIES**

### **World History** **10<sup>th</sup> Grade** **1.0 Credit** **2109310**

#### **No Prerequisite Required**

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.

### **Advanced Placement World History** **10<sup>th</sup> Grade** **1.0 Credit** **2109420**

#### **Prerequisites: Teacher recommendation and Level 3 or higher on FSA- ELA.**

This course can replace World History

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. By participating in AP, you have the opportunity to earn college credit and to stand out in college admission process.

### **United States History** **11<sup>th</sup> Grade** **1.0 Credit** **2100310**

#### **No Prerequisite Required**

This course examines American culture from Reconstruction through technological and urban transformation, the evolution of American lifestyles and ideals, foreign policy development, the cyclical development of the economy, and contemporary domestic and foreign issue

### **Advanced Placement US History** **11<sup>th</sup> Grade** **1.0 Credit** **2100330**

#### **Prerequisite: Teacher recommendation and Level 3 or higher on FSA-ELA**

This course can replace US History.

AP United States History provides students an opportunity for learning that goes beyond just facts and figures. 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. By participating in AP, you have the opportunity to earn college credit and to stand out in college admission process.

### **American Government** **12<sup>th</sup> Grade** **0.5 Credit** **2106310**

#### **No Prerequisite Required**

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.

**Economics with Financial Literacy                      12<sup>th</sup> Grade    0.5 Credit    2102335**

**No Prerequisite Required**

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.

**Advanced Placement Government & Politics 12<sup>th</sup> Grade    0.5 Credit    2106420**

**Prerequisite: Teacher recommendation and Level 3 or higher on FSA-ELA**

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.

**Advance Placement Macroeconomics                      12<sup>th</sup> Grade    0.5 Credit    2102370**

**Prerequisite: Teacher recommendation and Level 3 or higher on FSA-ELA**

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.

## **SOCIAL STUDIES ELECTIVES**

### **Psychology I & II**                                      **11<sup>th</sup> – 12<sup>th</sup>**      **1.0 Credit**      **2107300/10**

This course provides an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Content includes the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health, and therapy. This course allows students to expand their awareness of psychology. Specific topics include anorexia nervosa, bulimia, stress, mental illness, aging and suicide.

### **Advanced Placement Psychology**                                      **11<sup>th</sup> – 12<sup>th</sup>**      **1.0 Credit**      **2107350**

**Prerequisite: Teacher recommendation and Level 3 or higher on FSA-ELA**

AP Psychology is a science that seeks to answer questions about how we think, feel, and act. This is a comprehensive college level course that will familiarize students with the systematic and scientific study of the behavior and thought processes of human beings and other animals. AP classes engage in intense discussions, solve problems collaboratively and learn to write clearly and persuasively.

### **Advanced Placement Human Geography**      **9<sup>th</sup> – 12<sup>th</sup>**      **1.0 Credit**      **2103400**

**Prerequisite: AP committee contract approval**

AP Human Geography is an elective class that introduces students to the systematic study of patterns and processes that have shaped human understanding, use and organization of the earth. Students will employ spatial concepts and landscape analysis to examine human organizations of space. This class teaches special relationships at different scales ranging from local to global.



# CTE PROGRAMS/INDUSTRY CERTIFICATIONS AND ELECTIVES

## AGRICULTURAL DEPARTMENT AND PROGRAMS

### **Program – Agritechnology**

#### **Industry Certification – Florida Certified Agriculture Technician**

| Course Number | Course Title              | Length   | Level |
|---------------|---------------------------|----------|-------|
| 8106810       | Agriscience Foundations 1 | 1 credit | 3     |
| 8106820       | Agritechnology 1          | 1 credit | 2     |
| 8106830       | Agritechnology 2          | 1 credit | 2     |

#### **Program Description**

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 - Agriculture Biotechnology**

#### **Certification – Certified Agriculture Biotechnology Technician**

This will be a weighted course program that will be open by teacher recommendation or application. This course will be rigorous and challenging and is recommended for students who complete other agriculture programs.

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

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)

**Program – Horticulture Science and Services**  
**Industry Certification – Florida Certified Horticulture Professional**

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

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.

**Additional Courses**

**Agricultural use of UAS Technology**

**Prerequisite: Program Completion, Teacher Recommendation**

The purpose of this course is to provide students who have completed or are currently completing an OCP (occupational completion point) in an agricultural program, a capstone experience in UAS Technology for agriculture. This course is designed to enhance competencies in the areas of agricultural science and UAS technology. 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.

**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.

\*\*Performing/Practical Fine Arts

## **EARLY CHILDHOOD EDUCATIONS**

**Program-** Early Childhood Education

**Industry Certification-** Early Childhood professional Certification and/or Child Development Associate

| <b>Course Number</b> | <b>Course Title</b>           | <b>Length</b> |
|----------------------|-------------------------------|---------------|
| 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      |

### **Course Sequence-Early Child I, Early Child 2, Early Child 3 and Early Child 4**

#### **Program Description**

The Early Childhood Education (ECE) program (8405100/ E300100) provides the knowledge and skills necessary for employment in the child care industry. Students who complete all occupational completion points of the program and pass the required exams, will have completed the Department of Children and Families' (DCF) mandated 40 hour Introductory Child Care Training and five (5) clock hours of DCF-approved literacy training.

Students who complete the entire program and meet all requirements as outlined in the "Requirement Checklist for Students" can be awarded the Early Childhood Professional Certificate (ECPC). The ECPC is a preschool specialization approved by the DCF as meeting the Staff Credential requirement. Per Section 402.305(3), F.S. licensed child care facilities must have one credentialed staff member for every 20 children. Student will meet the 480 contact hours with 3 to 5 year olds in South Sumter High School's Tiny Tot Preschool. These courses will involve fees and a uniform.

The ECPC is also one of the acceptable minimum credentials for employment as a Voluntary Prekindergarten (VPK) instructor during the school year. Additional requirements and information can be found at [http://www.floridaearlylearning.com/voluntary\\_pre\\_k.aspx](http://www.floridaearlylearning.com/voluntary_pre_k.aspx).

Additionally, the ECPC is aligned with the National Child Development Associate (CDA). Students who earn the ECPC may earn the National CDA, if they choose to do so, by completing additional requirements and fee payment (<http://www.cdacouncil.org>).

\*\*Performing/Practical Fine Arts

## **BUSINESS**

### **Digital Information Technology\*\* 9<sup>th</sup> – 11<sup>th</sup> Grades 1.0 Credit 8207310**

This class is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. **\*Industry Certification: CIW Internet Business Associates**

### **Administrative Office Technology 1 10<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 8212110**

**Prerequisite: CCC or IIT or DIT**

This course is designed to assist with administrative and general office duties in a support capacity. The last part of the class, students will put their business skills training to work as assistants to teachers. **\*Industry Certification: Microsoft Word**

### **Business Software Applications 1 10<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 8212120**

**Prerequisite: CCC or IIT or DIT**

As part of the Administrative Assistant program, this course is designed to develop proficiency in using the advanced features of software programs to perform office related tasks. Publisher software will be used during part of this course. Also, students will continue the work-based classroom assistance. **\*Industry Certification: Microsoft PowerPoint**

### **Digital Design 1\*\* 11<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 8209510**

**Prerequisites: CCC or IIT or DIT, Business Software Applications 1, Administrative Office Technology 1**

The course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills; digital publishing concepts and operations; layout, design, and measurement activities; and digital imaging. After successful completion of Digital Publishing 1 students will have met Occupational Completion Point C, Desktop Publisher, SOC Code 43-9031. **\*Industry Certification: Microsoft Excel**

### **Business Cooperative Education – OJT 12<sup>th</sup> Grade 1.0 Credit 8200410**

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 the business program which consists of CCC or IIT or DIT, BSA I, and AOT (see previous descriptions) and must have teacher recommendation. Jobs must be business-oriented in nature.

### **Advanced Placement Computer Science Principles 12<sup>th</sup> Grade 1.0 Credit 0200335**

**Prerequisite: Teacher Approval**

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.

\*\*Performing/Practical Fine Arts

## **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 and certifications in workplace essential skills for continuing educational classes after high school and obtain employment.**

**Criminal Justice Operations I                      9<sup>th</sup> – 12<sup>th</sup> Grades      1.0 Credit      8918010**

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.

**Criminal Justice Operations II                      10<sup>th</sup> – 12<sup>th</sup> Grades      1.0 Credit      8918020**

**Prerequisite: Criminal Justice I**

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

**Criminal Justice Operations III                      11<sup>th</sup> – 12<sup>th</sup> Grades      1.0 Credit      8918030**

**Prerequisite: Criminal Justice I and II**

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

**\*Dispatcher: Police, Fire, Ambulance      12<sup>th</sup> Grade                      1.5 Credits      9101100**

**Prerequisite: TEACHER RECOMMENDATION**

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

**\*WORKPLACE TECHNOLOGY                      12<sup>th</sup> Grade                      0.5 Credit      8300330**

**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.**

## **MeCA: MEDICAL CAREER ACADEMY**

### **Digital Information Technology                      9<sup>th</sup> Grade    1.0 Credit    8207310**

This course is taken your freshman year. Instruction of the proper typing skills and how to prepare reports, tables, and letters is introduced during the first part of the course. The progression of the course offers experience in Office 2003-Word, Excel, and PowerPoint.

### **Health Science I    10<sup>th</sup> Grade    1.0 Credit    8417100**

Health Science Anatomy and Physiology. This course includes a logical integration of scientific concepts relating to healthcare. These concepts are based on medical terminology, anatomy, physiology, microbiology, chemistry, transmission of disease, and current health related issues.

### **Health Science II    11<sup>th</sup> Grade    1.0 Credit    8417110**

#### **Pre-requisite: Health Science I with a grade of "B" or higher**

Health Science Foundations. Diversified Health Occupations is divided into two main parts. Part one provides the student with the basic knowledge and skills required for many different health care occupations. This part integrates information related to human growth and development, cultural diversity, geriatric care, nutrition, safety, first aid, and legal/ethical responsibilities of health care workers. Part two introduces the student to basic entry skills required for some specific health care occupations. This part integrates special health care skills, including: dental assisting, laboratory assistant, medical assistant, physical therapy, business and accounting, as well as certified nursing assistant skills.

### **Home Health Aide/ Allied Health/EKG Aide    12<sup>th</sup> Grade    2.0 Credits 8417191/**

#### **Pre-requisite: Health Science II and acceptance into program    8417131/8417161**

These courses include an extensive integration of nursing assistant concepts. These concepts include the introduction to nursing assisting, scientific principles, basic human needs and communication, infection and infection control, safety and mobility, measuring and recording vital signs, patient care and comfort measures, principles of nutrition and fluid balance, emergency response, and body systems, common disorders related to care procedures. The Home Health Aide portion of this course prepares students to be employed as Home Health Aides. Content includes but is not limited to patient care and safety, geriatric patient care, nutrition principles, rehabilitation services as well as supervised management functions. This is the last step in the Medical Career Academy. Medical field trips and on-site training will be done at various hospitals, clinics, and nursing homes. This course will involve fees and a uniform.

# **PERFORMING/FINE ARTS ELECTIVES**

## **ART**

### **Drawing I** 9<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 0104340

This course is designed to teach students basic drawing techniques. Emphasis will be placed on the development of individual drawing styles. Students will learn about the elements of art, principles of design, and about artists famous for their drawings.

### **Drawing II** 10<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 0104350

#### **Prerequisite: Drawing I**

Students will learn be able to create works of art using the compositional features of the elements of art and principles of design. Students will also learn to analyze and critique famous works of art.

### **Painting I** 9<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 0104370

This course introduces students to the basic painting process. Areas of study will include color theory and composition. Students will learn about the elements of art, principles of design, and about artists famous for their drawings.

### **Painting II** 10<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 0104380

#### **Prerequisite: Painting I**

In this class, students will learn various painting techniques. The development of individual painting styles is emphasized. Students will create works of art using the compositional features of the elements of art and principles of design. Students will also learn to analyze and critique famous works of art.

### **Portfolio I, II** 10<sup>th</sup> – 12<sup>th</sup> Grades 1.0 Credit 0109310/20

Students in Portfolio I will learn to use pastels and colored pencils. They will produce competition quality artworks. Artist famous in each area will also be studied. Students in Portfolio II will learn figure drawing and to draw portraits. They will critique artworks based on the aesthetic qualities in art and produce competition quality artworks. Emphasis will be placed on preparing a presentation Portfolio.

### **AP 2-D Design Portfolio** 11<sup>th</sup> - 12<sup>th</sup> Grades 1.0 Credit 0109350

This is a college level class and must meet College Board standards. Summer work is required and a minimum of one hour each day on art assignments. Drawing and Painting is required and Portfolio I strongly recommended.

## **MUSIC / BAND**

### **Band 1, 2, 3, 4**                      **9<sup>th</sup> – 12<sup>th</sup> Grades**      **1.0 Credit**      **1302300/10/20/30**

This is a year-long course for students who demonstrate proficiency in woodwind, brass and/or 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. **Students will be required to attend all rehearsals and performances as a part of this course.**

### **Jazz Ensemble 1, 2, 3, 4**                      **9<sup>th</sup> – 12<sup>th</sup> Grades**      **1.0 Credit**      **1302500/10/20/30**

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. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. **Students will be required to attend all rehearsals and performances as a part of this course.**

### **Chorus 1, 2 3, 4**                      **9<sup>th</sup> – 12<sup>th</sup> grades**      **1.0 Credit**      **1303300/10/20/30**

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.**

### **Instrumental Ensemble 1, 2, 3, 4**      **9<sup>th</sup> – 12<sup>th</sup> Grades**      **1.0 Credit**      **1302460/70/80/90**

This class will explore the performance aspects of *percussion* instruments. Students will participate in concert performances and be able to perform a variety of literature appropriate for percussion instruments. **Students will be required to attend all rehearsals and performances as a part of this course.**

### **Eurhythmics 1, 2, 3, 4**                      **9<sup>th</sup> – 12<sup>th</sup> Grades**      **1.0 Credit**      **1305300/10/20/30**

Prerequisite: Teacher recommendation and audition

The purpose of this course is to provide students with instruction in the development of performing choreographed movement with music accompaniment. This includes learning about Flag, Saber and Rifle Spinning and Dance. Students will perform as a part of the marching band program and are expected to attend marching band camp, after school practices and **ALL** performances as a part of this class. **Color Guard members are required to take this course.**



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

**Guitar Class:** 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.

# **GENERAL ELECTIVES**

## **FOREIGN LANGUAGE**

**Spanish I** **9<sup>th</sup> – 11<sup>th</sup> Grades** **1.0 Credit** **0708340**

**Prerequisite: Teacher recommendation**

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.

**Spanish II** **10<sup>th</sup> – 12<sup>th</sup> Grades** **1.0 Credit** **0708350**

**Prerequisite: Spanish I**

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.

**TWO YEARS OF FOREIGN LANGUAGE ARE NEEDED TO ENROLL IN A FOUR YEAR FLORIDA COLLEGE OR UNIVERSITY.**

## **YEARBOOK**

**Research 3 (Yearbook)** **9<sup>th</sup> – 12<sup>th</sup> Grades** **1.0 Credit** **1700320**

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.

## **FRESHMAN TRANSITION COURSE**

**Leadership Techniques** **9<sup>th</sup> Grade** **1.0 Credit** **2400310**

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**

**Personal Fitness (online) 9<sup>th</sup> Grade 0.5 Credit 1501300**

### **Graduation Requirement**

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.

**Fitness Lifestyle Design (activity) 9<sup>th</sup> Grade 0.5 Credit 1501310**

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.

**Team Sports I 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1503350**

**Team Sports II 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1503360**

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.

**Individual and Dual Sports I 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1502410**

**Individual and Dual Sports II 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1502420**

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.

**Weight Training 1 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1501340**

**Weight Training 2 9<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1501350**

### **Prerequisite: Teacher Recommendation**

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.

**Weight Training 3 11<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1501360**

**Power Weight Training 3 11<sup>th</sup> – 12<sup>th</sup> Grades 0.5 Credit 1501410**

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.

**Comprehensive Fitness                      10<sup>th</sup> – 12<sup>th</sup> Grades      0.5 Credit      1501390**

Participate in a variety of activities that promote cardio-respiratory fitness, muscular strength and endurance, flexibility, and body composition.

**Track    10<sup>th</sup> – 12<sup>th</sup> Grades      0.5 Credit      1503300**

Apply the principles of training and conditioning to accommodate individual needs and strengths. Use correct body alignment, strength, flexibility, and coordination in the performance of technical movements.

**First Aid and Safety                              9<sup>th</sup> – 12 grades                      0.5 Credit      0800320**

The purpose of this course is to enable students to acquire skills in first aid, emergency care, and personal safety.

**Care & Prevention of Athletic Injuries 9<sup>th</sup> – 12 grades                      0.5 Credit      1502490**

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.

**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.

**Naval Science I, II, III, IV                              9<sup>th</sup> – 12<sup>th</sup>                      1.0 Credit      1802300/10/20/30**

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.

**Leadership & Training I, II, III, IV      9<sup>th</sup> – 12<sup>th</sup>                      1.0 Credit      1801300/10/20/30**

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.

**CAREER AND TECHNICAL EDUCATION PROGRAMS**  
**OFFERED AT THE**  
**WITHLACOCHEE TECHNICAL COLLEGE**

See your counselor for more information on these programs.

| <b>Program Name</b>                                  | <b>Abbreviation</b> | <b>Program Hours</b> |
|--|---------------------|----------------------|
| AIR CONDITIONING, REFRIGERATION & HEATING TECHNOLOGY | <b>ARH</b>          | 1350                 |
| AUTOMATION AND PRODUCTION TECHNOLOGY                 | <b>APT</b>          | 600                  |
| AUTOMATIVE COLLISON REPAIR & REFINISHING             | <b>ACR</b>          | 1400                 |
| AUTOMOTIVE MAINTENANCE & LIGHT REPAIR                | <b>AST</b>          | 6 CREDITS*           |
| CULINARY ARTS  | <b>CFS</b>          | 4 CREDITS**          |
| ELECTRICITY  | <b>ELW</b>          | 1200                 |
| INDUSTRIAL MACHINERY MAINTENANCE TECHNOLOGY          | <b>IMM</b>          | 1350                 |
| MEDICAL ADMINISTRATIVE ASSISTANT                     | <b>MAS</b>          | 1050                 |
| NETWORK SYSTEMS ADMINISTRATION                       | <b>NSA</b>          | 1050                 |
| PATIENT CARE ASSISTANT                               | <b>PCA</b>          | 290                  |
| TECHNOLOGY SUPPORT SPECIALIST                        | <b>TSS</b>          | 600                  |
| WELDING TECHNOLOGY                                   | <b>WLD</b>          | 1170                 |

\*High school students that complete AST can transition to the post-secondary programs Automotive Service Technology I & II.

\*\*High school students that complete CFS can transition to the post-secondary program Commercial Foods & Culinary Arts


## SSHS Math Progression for the 2017-2018 School Year

| Current Grade | Current Course                            | Next Year's Course                      | Additional Option             |
|---------------|---|---|-------------------------------|
| 8             | 8 <sup>th</sup> Grade Math or Pre-Algebra | *A1A/A1B or Algebra 1                   |                               |
| 8             | Algebra 1                                 | Geometry                                |                               |
| 8             | Algebra 1 Honors                          | Geometry Honors                         |                               |
| 8             | Geometry Honors                           | Algebra 2 Honors                        |                               |
|               |   |   |                               |
|               |   |   |                               |
| 9             | A1A/A1B                                   | Liberal Arts 1                          |                               |
| 9             | Algebra 1                                 | Geometry                                | **Liberal Arts 1              |
| 9             | Geometry                                  | Math for College Readiness              |                               |
| 9             | Geometry Honors                           | Algebra 2 Honors                        |                               |
| 9             | Algebra 2 Honors                          | Liberal Arts 2/MAT 1033 or Pre-Calculus |                               |
|               |   |   |                               |
|               |   |   |                               |
| 10            | Liberal Arts 1                            | Geometry                                |                               |
| 10            | Geometry                                  | Math for College Readiness              |                               |
| 10            | Math for College Readiness                | Algebra 2                               |                               |
| 10            | Algebra 2                                 | Liberal Arts 2/MAT 1033                 | ***Math for College Readiness |
| 10            | Algebra 2 Honors                          | Liberal Arts 2/MAT 1033 or Pre-Calculus | ***Math for College Readiness |
| 10            | Liberal Arts 2/MAC 1033                   | Pre-Calculus or APS or MAC 1105         |                               |
| 10            | Pre-Calculus                              | AP Calculus or APS or MAC 1105          |                               |
|               |   |   |                               |
|               |   |   |                               |
| 11            | Geometry                                  | Math for College Readiness              |                               |
| 11            | Math for College Readiness                | Algebra 2 or Liberal Arts 2/MAT 1033    |                               |
| 11            | Algebra 2                                 | Liberal Arts 2/MAT 1033                 | **Math for College Readiness  |
| 11            | Liberal Arts 2/MAT 1033                   | Pre-Calculus                            |                               |
| 11            | Pre-Calculus                              | AP Calculus                             |                               |
| 11            | AP Statistics                             | Liberal Arts 2/MAT 1033 or Pre-Calculus |                               |


\*Teacher Recommendation- FSA Level Score

\*\*No Qualifying Score on FSA Algebra 1

\*\*\*No College Ready Score


| Career Cluster: Business, Management, & Administration                               |  |  |  | CTE Program: Administrative Office Specialist   |   |   |   |  |
|--|--|--|--|---|---|---|---|--|
| Career Cluster Pathway: Administrative & Information Support                         |  |  |  | Industry Certification: CIW Internet Business Associate; Microsoft Office Specialist (MOS) Bundle Certification (minimum of 3 products) |   |   |   |  |
|      | 16 CORE CURRICULUM CREDITS   |  |  |   |   | 8 ADDITIONAL CREDITS  |   |  |
|  | <b>ENGLISH</b><br>4 credits  | <b>MATH</b><br>4 credits   | <b>SCIENCE</b><br>3 credits, 2 with lab  | <b>SOCIAL STUDIES</b><br>3 credits  | <b>OTHER REQUIRED COURSES</b><br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | <b>CTE PATHWAY COURSES</b>  | <b>RECOMMENDED ELECTIVES</b><br>(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  | Earth Space or higher   | Elective or AP Human Geography  | Personal Fitness, Freshman Transition   | <b>Digital Information Technology</b>   | Foreign Language or other elective appropriate to career and education plan        |
|  | <b>10<sup>th</sup></b>   | English II or *ENC 1101  | Geometry 1 or higher   | Biology or higher   | World History or higher   | Fine Arts or eligible Practical Arts course   | <b>Administrative Office Technology 1</b>   | Foreign Language or other elective appropriate to career and education plan        |
|  | <b>11<sup>th</sup></b>   | English III, AP English, or *ENC 1102  | Algebra II or *MAT1033 or *MAC1105 or *MGF1106   | Chemistry or higher   | US History or higher  |   | <b>Business Software Applications 1</b>   | Dual Enrollment Course* 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 or *MGF1106 | AP science course or equivalent dual enrollment course*   | US Gov't. and Economics or higher   |   | Digital Design I or OJT   | 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><br><br>Lake Technical College<br>Certificates: Accounting Operations<br>Administrative Office Specialist, Digital Design<br><a href="http://www.laketech.org/programs">www.laketech.org/programs</a>   | <b>STATE COLLEGE PROGRAM(S)</b><br><br>Lake Sumter State College<br><b>A.S. Degrees:</b> Business Administration, Office Administration<br><b>A.S. to B.A.S.:</b> Organizational Management<br><b>Certificates:</b> Business Development and Entrepreneurship, Business Operations, Business Specialist, Office Management, Office Specialist,<br><a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a> |  |   |   | <b>UNIVERSITY PROGRAM(S)</b><br><br>University of Central Florida<br><b>B.S. Degrees:</b> Accounting, Economics, Finance, General Business Administration, Management, Marketing, Real Estate<br><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   |  |  |   |   |   |   |  |
|  | 150 hours: Information Technology Assistant<br>300 hours: Front Desk Specialist  | <b>Lake Sumter State College</b> : 3 credits in numerous majors<br><b>Statewide Articulation:</b> 3 credits for MOS Bundle Certification toward Office Administration<br>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   |   |  |
| <b>Career and Technical Student Association</b>                                      |  |  |  |   |   |   |   |  |
| <b>FBLA – Future Business Leaders of America</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: Agriculture, Food and Natural Resources                           |  |   |  | CTE Program: Agricultural Biotechnology - 8106600  |   |   |  |  |
|---|--|---|--|--|---|---|--|--|
| Career Cluster Pathway: Plant and Animal Systems                                  |  |   |  | Industry Certification: Agricultural Biotechnology Technician (FLFBR002); (USINS001)Small UAS Safety Certification |   |   |  |  |
|  | 16 CORE CURRICULUM CREDITS   |   |  |  |   | 8 ADDITIONAL CREDITS  |  |  |
|   | ENGLISH<br>4 credits   | MATH<br>4 credits   | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits  | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE  | CTE PATHWAY COURSES   | RECOMMENDED ELECTIVES<br>(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  | Earth Space or higher  | Elective or AP Human Geography  | Personal Fitness, Freshman Transition                               | <b>Agriscience Foundations</b>   | Foreign Language or other elective appropriate to career and education plan        |
|   | 10 <sup>th</sup>   | English II or *ENC 1101   | Geometry 1 or higher   | Biology or higher  | World History or higher   | Fine Arts or eligible Practical Arts course                         | <b>Agricultural Biotechnology 2</b>  | Foreign Language or other elective appropriate to career and education plan        |
|   | 11 <sup>th</sup>   | English III, AP English, or *ENC 1102   | Algebra II or *MAT1033 or *MAC1105 or *MGF1106   | Chemistry or higher  | US History or higher  |   | <b>Agricultural Biotechnology 3</b>  | 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 or *MGF1106                           | AP Environmental Science or equivalent dual enrollment course*   | US Gov't. and Economics or higher   |   | Unmanned Aerial Safety – Agriculture Use   | 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 CENTER PROGRAM(S)</b>   |   | <b>STATE COLLEGE PROGRAM(S)</b>  |  |   | <b>UNIVERSITY PROGRAM(S)</b>  |  |  |
|   |  | Santa Fe College<br><a href="http://www.sfcollege.edu">www.sfcollege.edu</a><br><b>A.S. Degrees:</b> Biotechnology Lab Technology |  |  | University of Florida<br><a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a><br><b>B.S. Degrees:</b> Agriculture<br><i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i> |   |  |  |
| <b>CAREER</b>   | <b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>  |   |  |  |   |   |  |  |
|   | Lab Technician, Agricultural Technician  |   | Laboratory Technologist, First-Line Supervisor of Landscaping and Groundskeeping, Sales Rep. Scientific Products |  |   | AG Teacher, Botanist, Biotechnologist, Lab Technologist, Researcher |  |  |
| <b>CREDIT</b>   | <b>Articulation and CTE Dual Enrollment Opportunities</b>  |   |  |  |   |   |  |  |
|   | 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                           |  |   | <b>PSAV/PSV to AAS or AS/BS/BAS</b>                                 |  |  |
| <b>Career and Technical Student Association</b>                                   |  |   |  |  |   |   |  |  |
| <b>FFA</b>  |  |   |  |  |   |   |  |  |
| <b>Internship/Work Experience Recommendations</b>                                 |  |   |  |  |   |   |  |  |
| <b>Laboratory assistant/volunteer</b>   |  |   |  |  |   |   |  |  |

\*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); (USINS001) Small UAS Safety Certification |  |   |  |  |
|      | 16 CORE CURRICULUM CREDITS   |   |  |  |  | 8 ADDITIONAL CREDITS                        |  |  |
|  | ENGLISH<br>4 credits   | MATH<br>4 credits   | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits  | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE   | CTE PATHWAY COURSES                         | RECOMMENDED ELECTIVES<br>(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  | Earth Space or higher  | Elective or AP Human Geography   | Personal Fitness, Freshman Transition       | Agriscience Foundations I  | Foreign Language or other elective appropriate to career and education plan        |
|  | 10 <sup>th</sup>   | English II or *ENC 1101   | Geometry 1 or higher   | Biology or higher  | World History or higher  | Fine Arts or eligible Practical Arts course | Agritechnology 1   | Foreign Language or other elective appropriate to career and education plan        |
|  | 11 <sup>th</sup>   | English III, AP English, or *ENC 1102   | Algebra II or *MAT1033 or *MAC1105 or *MGF1106   | Chemistry or higher  | US History or higher   |   | Agritechnology 2   | 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 or *MGF1106 | AP science course or equivalent dual enrollment course*  | US Gov't. and Economics or higher  |   | Unmanned Aerial Safety – Agriculture Use   | 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.  |   |  |  |  |   |  |  |
|  | TECHNICAL COLLEGE PROGRAM(S)   |   | STATE COLLEGE PROGRAM(S)   |  |  | UNIVERSITY PROGRAM(S)                       |  |  |
|  |  | <b>College of Central Florida</b><br><a href="http://www.cf.edu/programs">www.cf.edu/programs</a><br><b>A.S. Degrees:</b> Agribusiness Management, Equine Studies<br><b>Certificates:</b> Equine Assistant Manager, Horticulture Technician   |  |  | <b>University of Florida</b><br><a href="http://www.cals.ufl.edu">www.cals.ufl.edu</a><br><b>B.S. Degrees:</b> Agriculture<br><i>The University of Florida, College of Agriculture and Life Sciences, has 25 departments with more than 60 majors in the agricultural field.</i> |   |  |  |
| <b>CAREER</b>  | 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 |  |
| <b>CREDIT</b>  | Articulation and CTE Dual Enrollment Opportunities   |   |  |  |  |   |  |  |
|  | N/A  | <b>College of Central Florida: Up to 6 credits depending on major</b><br><b>Statewide Articulation:</b> 2 credits in A.S. Agriculture Production Technology program<br>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  |  |
| <b>Career and Technical Student Association</b>                                      |  |   |  |  |  |   |  |  |
| <b>FFA – Agriculture student organization</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: Law, Public Safety, and Service                                  |  |  |   | CTE Program: Criminal Justice Operations 8918000 & Public Safety Telecommunication 9101000 |  |   |  |  |
|--|--|--|---|--|--|---|--|--|
| Career Cluster Pathway: Law Enforcement Services                                 |  |  |   | Industry Certification: (FDMQA030) 911 Public Safety Telecommunication; CPR/FA             |  |   |  |  |
|  | 16 CORE CURRICULUM CREDITS   |  |   |  |  | 8 ADDITIONAL CREDITS  |  |  |
|  | ENGLISH<br>4 credits   | MATH<br>4 credits                                | SCIENCE<br>3 credits, 2 with lab  | SOCIAL STUDIES<br>3 credits  | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | CTE PATHWAY COURSES   | RECOMMENDED ELECTIVES<br>(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   | Earth Space or higher  | Elective or AP Human Geography   | Personal Fitness, Freshman Transition   | Criminal Justice Operations 1  | Foreign Language or other elective appropriate to career and education plan        |
|  | 10 <sup>th</sup>   | English II or *ENC 1101                          | Geometry 1 or higher  | Biology or higher  | World History or higher  | Fine Arts or eligible Practical Arts course   | Criminal Justice Operations 2  | Foreign Language or other elective appropriate to career and education plan        |
|  | 11 <sup>th</sup>   | English III, AP English, or *ENC 1102            | Algebra II or *MAT1033 or *MAC1105 or *MGF1106  | Chemistry or higher  | US History or higher   |   | Criminal Justice Operations 3  | 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 or *MGF1106  | AP science course or equivalent dual enrollment course*                                    | US Gov't. and Economics or higher  |   | 911 Public Safety Telecommunication (1.5 cr.)                                      | 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><br>Lake Technical College<br>Certificates: Correctional Officer; Law Enforcement Officer; Firefighter; 911 PST<br><a href="http://www.laketech.org/programs">www.laketech.org/programs</a>   |  | <b>STATE COLLEGE PROGRAM(S)</b><br>Lake Sumter State College<br>A.S. Degree: Criminal Justice Technology<br>A.A. Degree: Meta Major Public Safety<br><a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a> |  |  | <b>UNIVERSITY PROGRAM(S)</b><br>University of Central Florida<br>B.S. Degrees: Criminal Justice<br><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.)   |  |   |  |  |   |  |  |
|  | 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>  | Articulation and CTE Dual Enrollment Opportunities   |  |   |  |  |   |  |  |
|  | N/A  |  | Lake Sumter State College : Up to 9 credits towards Criminal Justice Technology, A.S. or 6 credits towards A.A. degree<br>Statewide Articulation: N/A   |  |  | A.A./A.S. to B.A./B.S. Degree   |  |  |
| Career and Technical Student Association   |  |  |   |  |  |   |  |  |
| FPSA – Florida Public Service Association  |  |  |   |  |  |   |  |  |
| 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: Horticulture Science & Services - 8121600  |  |  |  |   |
|--|--|--|---|---|--|--|--|---|
| Career Cluster Pathway: Plant Systems  |  |  |   | Industry Certification: FNGLA001 Certified Horticultural Professional (Gold Standard Career Pathway Articulation Agreement) |  |  |  |   |
|   | 16 CORE CURRICULUM CREDITS   |  |   |   |  | 8 ADDITIONAL CREDITS   |  |   |
|  | ENGLISH<br>4 credits   | MATH<br>4 credits                                | SCIENCE<br>3 credits, 2 with lab  | SOCIAL STUDIES<br>3 credits   | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr), PHYSICAL ED(1 cr), 1 ONLINE COURSE | CTE PATHWAY COURSES  | RECOMMENDED ELECTIVES<br>(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   | Earth Space or higher   | Elective or AP Human Geography   | Personal Fitness, Freshman Transition  | Agriscience Foundations I  | Foreign Language                                      |
|  | 10 <sup>th</sup>   | English II or *ENC 1101                          | 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, or *ENC 1102            | Algebra II or *MAT1033 or *MAC1105 or *MGF1106  | Chemistry or higher   | US History or higher   |  | Horticulture Science 3 (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 or *MGF1106  | AP Environmental Science or equivalent dual enrollment course*  | US Gov't. and Economics or higher  |  | Advanced Concepts in Agriscience   | 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)  |  |   |
|  |  |  | College of Central Florida – A.S. Agribusiness Management – Horticulture Specialization<br><a href="http://www.cf.edu">www.cf.edu</a>   |   |  | 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)<br>(Minimum # of clock hours awarded)   |  | Secondary to College Credit Certificate or Degree<br>(Minimum # of clock or credit hours awarded)<br>College of Central Florida<br>Up to 9 credits in Agribusiness Management |   |  | PSAV/PSV to AAS or AS/BS/BAS<br>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   |  |  |   |   |  |  |  |   |
| *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.

|   |  |   |   |                                    |   |   |  |   |
|---|--|---|---|------------------------------------|---|---|--|---|
| <b>Career Cluster: Engineering and Technology</b>                                 |  |   |   |                                    | <b>CTE Program: Electrical Distribution Technology (Career Dual Enrollment)</b>             |   |  |   |
| <b>Career Cluster Pathway: Power and Energy</b>                                   |  |   |   |                                    | <b>Industry Certification: Microsoft Office Specialist</b>                                  |   |  |   |
|  | <b>16 CORE CURRICULUM CREDITS</b>  |   |   |                                    |   |   | <b>8 ADDITIONAL CREDITS</b>  |   |
|   | <b>ENGLISH</b><br>4 credits  | <b>MATH</b><br>4 credits  | <b>SCIENCE</b><br>3 credits, 2 with lab             | <b>SOCIAL STUDIES</b><br>3 credits | <b>OTHER REQUIRED COURSES</b><br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | <b>CTE PATHWAY COURSES</b>  | <b>RECOMMENDED ELECTIVES (ALIGNED WITH STATE COLLEGE &amp; UNIVERSITY SYSTEM PROGRAMS)</b> |   |
| <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                                 | Earth Space or higher              | Elective or AP Human Geography  | Personal Fitness, Freshman Transition   | <b>Program of Choice</b>   | Foreign Language or other elective appropriate to career and education plan |
|   | 10 <sup>th</sup>   | English II or *ENC 1101   | Geometry 1 or higher                                | Biology or higher                  | World History or higher   | Fine Arts or eligible Practical Arts course   | <b>Program of Choice</b>   | Foreign Language or other elective appropriate to career and education plan |
|   | 11 <sup>th</sup>   | English III or AP English   | Algebra II or higher                                | Chemistry or higher                | US History or higher  |   | <b>Program of Choice</b>   | *Electrical Line Distribution dual enrollment courses                       |
|   | 12 <sup>th</sup>   | English IV or AP English  | Math for College Readiness, Pre-Calculus or AP math | Physics or AP science course       | US Gov't. and Economics or higher   | *Electrical Line Distribution dual enrollment courses   | *Electrical Line Distribution dual enrollment courses                                      | *Electrical Line Distribution dual enrollment courses                       |
| <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 CENTER PROGRAM(S)</b>   | <b>STATE COLLEGE PROGRAM(S)</b>   |   |                                    |   | <b>UNIVERSITY PROGRAM(S)</b>  |  |   |
|   |  | <b>Lake Sumter State College</b><br><a href="http://www.lssc.edu">www.lssc.edu</a><br><b>A.S. Degree:</b> Engineering Technology; <b>A.A.S. Degree -</b> Electrical Distribution Technology<br><b>Certificates:</b> Basic and Advanced Electrical Line Distribution, Engineering Technology |   |                                    |   | <b>University of Central Florida</b><br><b>B.S. Degrees:</b> Electrical Engineering<br><a href="http://www.ucf.edu">www.ucf.edu</a> |  |   |
| <b>CAREER</b>   | <b>Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)</b>  |   |   |                                    |   |   |  |   |
|   |  | Lineman, Relay Technician, Utility Supervisor   |   |                                    |   | Electrical Engineer   |  |   |
| <b>CREDIT</b>   | <b>Articulation and CTE Dual Enrollment Opportunities</b>  |   |   |                                    |   |   |  |   |
|   | Secondary to Technical Center (PSAV)<br>(Minimum # of clock hours awarded)   | Career Dual Enrollment – Minimum 2.0 GPA; PERT Reading + PERT Math or PERT Writing (or other acceptable CPT)  |   |                                    |   | <b>PSAV/PSV to AAS or AS/BS/BAS</b>   |  |   |
| <b>Career and Technical Student Association</b>                                   |  |   |   |                                    |   |   |  |   |
| <b>N/A</b>  |  |   |   |                                    |   |   |  |   |
| <b>Internship/Work Experience Recommendations</b>                                 |  |   |   |                                    |   |   |  |   |
| <b>Lineman internship</b>   |  |   |   |                                    |   |   |  |   |

\*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 w/ Home Health Aide &amp; EKG Aide</b>  |   |  |   |   |
| <b>Career Cluster Pathway: Therapeutic Services</b>                                   |  |  |   | <b>Industry Certification: Certified Nursing Assistant, Certified Medical Administrative Assistant, EKG Technician</b> |   |  |   |   |
|       | <b>16 CORE CURRICULUM CREDITS</b>  |  |   |  |   | <b>8 ADDITIONAL CREDITS</b>  |   |   |
|   | <b>ENGLISH</b><br>4 credits  | <b>MATH</b><br>4 credits                         | <b>SCIENCE</b><br>3 credits, 2 with lab   | <b>SOCIAL STUDIES</b><br>3 credits   | <b>OTHER REQUIRED COURSES</b><br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | <b>CTE PATHWAY COURSES</b>   | <b>RECOMMENDED ELECTIVES</b><br>(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   | Earth Space or higher  | Elective or AP Human Geography  | Personal Fitness, Freshman Transition  | Digital Information Technology  |   |
|   | <b>10<sup>th</sup></b>   | English II or *ENC 1101                          | Geometry 1 or higher  | Biology or higher  | World History or higher   | Fine Arts or eligible Practical Arts course  | <b>Health Science Anatomy &amp; Physiology</b>  | Foreign Language or other elective appropriate to career and education plan                         |
|   | <b>11<sup>th</sup></b>   | English III, AP English, or *ENC 1102            | Algebra II or *MAT1033 or *MAC1105 or *MGF1106  | Chemistry or higher  | US History or higher  |  | <b>Health Science Foundations</b>   | Foreign Language 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 or *MGF1106  | AP science course or equivalent dual enrollment course*  | US Gov't. and Economics or higher   |  | <b>Allied Health, Home Health Aide, EKG Aide</b>  | AP Psychology 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><br>Certificates: Medical Assisting, Emergency Medical Technician, Patient Care Technician, Pharmacy Technician, Practical Nursing (LPN)<br><a href="http://www.laketech.org/programs">www.laketech.org/programs</a>  |  | <b>Lake Sumter State College</b><br><b>A.S. Degrees:</b> Health Information Technology, Nursing<br><b>A.S. to B.A.S.:</b> Organizational Management<br><b>Certificates:</b> Medical Information Coder/Biller, Medical Office Management<br><a href="http://www.lssc.edu/academics/degrees">www.lssc.edu/academics/degrees</a> |  |   | <b>University of Central Florida</b><br><b>B.S. Degrees:</b> Athletic Training, Communication Sciences and Disorders, Health Informatics, Health Services Administration, Medical Laboratory Sciences, Nursing<br><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   |  |   |  |   |  |   |   |
|   | <b>90 Hours:</b> Basic Health Care Worker in numerous programs   |  | <b>Lake Sumter State College :</b> 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   |  |   | <b>University of Central Florida:</b> 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</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<br>4 credits  | MATH<br>4 credits  | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits                             | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | PATHWAY COURSES                          | RECOMMENDED ELECTIVES<br>(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> |  |  |   |  |  |  |
|   | 7 <sup>th</sup>   | Advanced Language Arts   | Algebra I Honors   | Advanced 7 <sup>th</sup> Grade Life Science             | Civics   |  |  |
|   | 8 <sup>th</sup>   | Advanced Language Arts   | Geometry Honors  | Physical Science (HS credit)                            | World History/Cultures   |  |  |
|   | 9 <sup>th</sup>   | English I Honors   | Algebra II Honors  | Biology Honors  | AP Human Geography   | PE req't.,<br>Freshman Transition Course | Career Program of Choice   |
|   | Test:   | <b>*PERT Test--Need qualifying score for entrance into DE*</b> |  |   |  |  |  |
|   | 10 <sup>th</sup>  | English II Honors or ENC 1101*                                 | Pre-Calculus, Liberal Arts Math, MAT 1033, MAC 1105*, MGF 1106*, or MGF 1107*  | Chemistry Honors  | AP World History   |  | Career Program of Choice<br>Foreign Language<br>AP Psychology                      |
|   | 11 <sup>th</sup>  | AP Eng. Lang/Comp., ENC1101, and/or ENC 1102                   | 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<br>Foreign Language<br>AP Psychology                      |
|   | 12 <sup>th</sup>  | AP Eng. Lit/Comp. or SPC 2608                                  | AP Calculus<br>AP Statistics,<br>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>   |  |  |   |  |  |  |
|   | TECHNICAL CENTER PROGRAM(S)   |  | STATE COLLEGE PROGRAM(S)   |   |  | UNIVERSITY PROGRAM(S)                    |  |
|   |   |  | Lake Sumter State College – A.A. Track; Meta- Majors<br>Arts, Humanities, Communication & Design; Business; Education; Health Sciences;<br>Industry/Manufacturing & Construction; Public Safety; STEM; Social & Behavioral Sciences & Human Services<br>AA Requirements -<br><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: Health & Physical Education                                       |  |  |  | Program: Health and Physical Education                  |  |   |  |                         |
|---|--|--|--|---|--|---|--|-------------------------|
| Career Cluster Pathway:   |  |  |  | Industry Certification: N/A                             |  |   |  |                         |
|  | 16 CORE CURRICULUM CREDITS   |  |  |   |  | 8 ADDITIONAL CREDITS  |  |                         |
|   | ENGLISH<br>4 credits   | MATH<br>4 credits                                | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits                             | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | PATHWAY COURSES   | RECOMMENDED ELECTIVES<br>(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  | Earth Space or higher                                   | Elective or AP Human Geography   | Personal Fitness, Freshman Transition   | Team Sports I, Weight Training I, Individual an Dual Sports I                      | Foreign Language        |
|   | 10 <sup>th</sup>   | English II or *ENC 1101                          | Geometry 1 or higher   | Biology or higher                                       | World History or higher  | Fine Arts or eligible Practical Arts course                                       | Team Sports II, Weight Training II, Individual an Dual Sport II                    | Foreign Language        |
|   | 11 <sup>th</sup>   | English III, AP English, or *ENC 1102            | Algebra II or *MAT1033 or *MAC1105 or *MGF1106   | Chemistry or higher                                     | US History or higher   |   | Weight Training III, First Aid and Safety  | 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 science course or equivalent dual enrollment course* | US Gov't. and Economics or higher  |   | Power Weight Training I, Care and Prevention of Athletic Injuries                  | 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>STATE COLLEGE PROGRAM(S)</b>  |   |  | <b>UNIVERSITY PROGRAM(S)</b>  |  |                         |
|   |  |  | <b>Lake Sumter State College</b><br>A.A. Meta Major – Health Sciences<br><br>AA Requirements - <a href="http://lssc.edu/academics/degrees/Pages/AA.aspx">http://lssc.edu/academics/degrees/Pages/AA.aspx</a> |   |  | <b>University of Central Florida</b><br>Athletic Training<br>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<br>4 credits  | MATH<br>4 credits   | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits                             | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | PATHWAY COURSES  | RECOMMENDED ELECTIVES<br>(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  | Earth Space or higher                                   | Elective or AP Human Geography   | Personal Fitness, Freshman Transition  | Music Theory<br>Eurhythmics I,<br>Instrumental Techniques I,<br>Instrumental Ensemble I,<br>Marching Band I, Chorus I,<br>or Concert Band I | Foreign Language or other elective appropriate to career and education plan        |
|   | 10 <sup>th</sup>  | English II or *ENC 1101   | Geometry 1 or higher   | Biology or higher                                       | World History or higher  | Fine Arts or eligible Practical Arts course  | Eurhythmics II,<br>Instrumental Techniques II,<br>Instrumental Ensemble II,<br>Marching Band II, Chorus II,<br>or Concert Band II           | Foreign Language or other elective appropriate to career and education plan        |
|   | 11 <sup>th</sup>  | English III, AP English, or *ENC 1102   | Algebra II or *MAT1033 or *MAC1105 or *MGF1106   | Chemistry or higher                                     | US History or higher   |  | Eurhythmics III,<br>Instrumental Techniques III,<br>Instrumental Ensemble III,<br>Marching Band III,<br>Chorus III, or Concert Band 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 or *MGF1106 | AP science course or equivalent dual enrollment course* | US Gov't. and Economics or higher  |  | Eurhythmics IV,<br>Instrumental Techniques IV,<br>Instrumental Ensemble IV,<br>Marching Band IV,<br>Chorus IV, or Concert Band 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><br>Lake Sumter State College – A.A. – Meta-Major in Arts, Humanities, Communication and Design<br>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><br>University of Central Florida – Music Education, B.M.E.;<br>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<br>4 credits  | MATH<br>4 credits  | SCIENCE<br>3 credits, 2 with lab   | SOCIAL STUDIES<br>3 credits   | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE             | PATHWAY COURSES                                      | RECOMMENDED ELECTIVES<br>(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> |  |  |   |  |  |  |  |
|   | 9 <sup>th</sup>   | English I or English I Honors  | Algebra I, Algebra I Honors, Geometry Honors, Algebra II Honors  | Earth Space Science, Earth Space Science Honors, Biology Honors               | AP Human Geography   | PE req't., Reading                                   | Naval Science I, Leadership Education and Training I                               | Foreign Language                                 |
|   | 10 <sup>th</sup>  | English II or English II Honors  | Geometry, Geometry Honors, Algebra II, Algebra II Honors, Pre-Calculus   | Biology, Biology Honors, Chemistry Honors                                     | World History or AP World History  | Reading, Fine Arts or eligible Practical Arts course | Naval Science II, Leadership Education and Training II                             | Foreign Language                                 |
|   | 11 <sup>th</sup>  | English III or English III Honors or AP English or equivalent dual enrollment course*                                  | Algebra II Honors, Pre-Calculus, or equivalent dual enrollment *   | Chemistry, Chemistry Honors, AP science course or equivalent dual enrollment* | US History or AP US History, or equivalent dual enrollment course*                               |  | Naval Science III, Leadership Education and Training III                           | Dual Enrollment Course*<br>Focus on science/math |
|   | 12 <sup>th</sup>  | English IV, English IV for College Readiness, or AP English or English IV Honors or equivalent dual enrollment course* | Math for College Readiness, Pre-Calculus, AP Calculus AP Statistics, or equivalent dual enrollment course*   |   | US Gov't. and Economics or AP Gov't. and AP Macroeconomics or equivalent dual enrollment course* |  | Naval Science IV, Leadership Education and Training IV                             | Dual Enrollment Course*<br>Focus on science/math |
| <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>  |   |  | <b>UNIVERSITY PROGRAM(S)</b>                         |  |  |
|   |   |  | Lake Sumter State College - A.A. Degree<br>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                |  |  |
| <b>CAREER</b>   | *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<br>4 credits   | MATH<br>4 credits                                | SCIENCE<br>3 credits, 2 with lab  | SOCIAL STUDIES<br>3 credits                             | OTHER REQUIRED COURSES<br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | PATHWAY COURSES   | RECOMMENDED ELECTIVES<br>(ALIGNED WITH STATE COLLEGE & UNIVERSITY SYSTEM PROGRAMS) |                         |
| HIGH SCHOOL   | <ul style="list-style-type: none"> <li>Students are encouraged to use flchoices.org 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   | Earth Space or higher                                   | Elective or AP Human Geography   | Personal Fitness, Freshman Transition   | Drawing I, Painting I  | Foreign Language        |
|   | 10 <sup>th</sup>   | English II or *ENC 1101                          | Geometry 1 or higher  | Biology or higher                                       | World History or higher  | Fine Arts or eligible Practical Arts course   | Drawing II, Painting II, Portfolio I   | Foreign Language        |
|   | 11 <sup>th</sup>   | English III, AP English, or *ENC 1102            | Algebra II or *MAT1033 or *MAC1105 or *MGF1106  | Chemistry or higher                                     | US History or higher   |   | Portfolio II   | 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 science course or equivalent dual enrollment course* | US Gov't. and Economics or higher  |   | Portfolio III, 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><br>A.A. – Meta Major – Arts, Humanities, Communication and Design<br>A.S. – Digital Design, New Media Technology<br>AA Requirements -<br><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><br>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.

|  |  |                                 |   |                                    |   |                              |   |
|--|--|---------------------------------|---|------------------------------------|---|------------------------------|---|
| <b>Career Cluster:</b>   |  |                                 |   |                                    | <b>CTE Program:</b>   |                              |   |
| <b>Career Cluster Pathway:</b>   |  |                                 |   |                                    | <b>Industry Certification:</b>  |                              |   |
|  | <b>16 CORE CURRICULUM CREDITS</b>  |                                 |   |                                    |   | <b>8 ADDITIONAL CREDITS</b>  |   |
|  | <b>ENGLISH</b><br>4 credits  | <b>MATH</b><br>4 credits        | <b>SCIENCE</b><br>3 credits, 2 with lab | <b>SOCIAL STUDIES</b><br>3 credits | <b>OTHER REQUIRED COURSES</b><br>FINE ARTS (1 cr),<br>PHYSICAL ED(1 cr),<br>1 ONLINE COURSE | <b>CTE PATHWAY COURSES</b>   | <b>RECOMMENDED ELECTIVES</b><br>(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>  |                                 |   |                                    |   |                              |   |
|  | 10 <sup>th</sup>   |                                 |   |                                    |   |                              |   |
|  | 11 <sup>th</sup>   |                                 |   |                                    |   |                              |   |
|  | 12 <sup>th</sup>   |                                 |   |                                    |   |                              |   |
| <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>CAREER</b>  | Sample Career Specialties (The Targeted Occupations List may be used to identify appropriate careers.)   |                                 |   |                                    |   |                              |   |
|  |  |                                 |   |                                    |   |                              |   |
| <b>CRE DIT</b>   | Articulation and CTE Dual Enrollment Opportunities   |                                 |   |                                    |   |                              |   |
|  |  |                                 |   |                                    |   |                              |   |
| <b>Career and Technical Student Association</b>                                  |  |                                 |   |                                    |   |                              |   |
| <b>Internship/Work Experience Recommendations</b>                                |  |                                 |   |                                    |   |                              |   |

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