SOUTH SUMTER HIGH SCHOOL



2022-2023

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Dear South Sumter High School Students,

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

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

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

At South Sumter High School, Tradition Never Graduates!

the Shirty

Looking forward to a great year!

Allen Shirley

Principal



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HIGH SCHOOL 6 DIGIT CODE

100195

SCHOOL COUNSELORS



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CALL (352) 793-3131 & SCHEDULE AN APPOINTMENT FOR ACADEMIC PLANNING
SEE YOUR COUNSELOR FOR SCHOLARSHIP OPPORTUNITIES or DIPLOMA OPTIONS
SIGN UP TO MEET WITH YOUR COUNSELOR BY SCANNING ONE OF THE QR CODES ABOVE



SOUTH SUMTER HIGH SCHOOL

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OUR VISION

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

CONNECT WITH US

SSH.sumter.k12.fl.us









SCHOOL & COMMUNITY

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

South Sumter High is a Title I school with 105 faculty and staff members and a student population of 1070, including 31% minority, 16% exceptional student population, 2.4% gifted and 1.2% English Language Learners (ELL).

THE ACADEMIC PROGRAM

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

















MEDICAL ACADE

HOME TO

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



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

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

FLORIDA

CHILD CARE EDUCATION EPIC TEACHING ACADEM RIMINAL JUSTICE **BUSINESS EDUCATIO PRODUCTIONS** PERSONAL TRAINING

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

GRADUATION REQUIREMENTS – DIPLOMA OPTIONS

Subject Area	24-Credit Program	18-Credit Program	CTE Pathway Option
English	4 Credits	4 Credits	4 Credits
Mathematics	4 Credits • 1 Credit must be Algebra 1 • 1 Credit must be Geometry	 4 Credits 1 Credit must be Algebra 1 1 Credit must be Geometry 	4 Credits • 1 Credit must be Algebra 1 • 1 Credit must be Geometry
Science	3 Credits • 1 Credit must be Biology	3 Credits • 1 Credit must be Biology	3 Credits • 1 Credit must be Biology
Social Studies	 3 Credits in Social Studies 1 Credit of World History 1 Credit of US History ½ Credit of US Government ½ Credit of Economics 	 3 Credits in Social Studies 1 Credit of World History 1 Credit of US History ½ Credit of US Government ½ Credit of Economics 	 3 Credits in Social Studies 1 Credit of World History 1 Credit of US History ½ Credit of US Government ½ Credit of Economics
Foreign Language	Not required for high school graduation • 2 Credits are required for admission into state universities & Bright Futures Scholarship	Not required for high school graduation • 2 Credits are required for admission into state universities & Bright Futures Scholarship	Not required for high school graduation • 2 Credits are required for admission into state universities & Bright Futures Scholarship
Fine, Performing, Practical Arts	1 Credit	1 Credit	Not Required
Physical Education	1 Credit	Not Required	Not Required
Electives	8 Credits	3 Credits	4 Credits 2 Credits in CTE, the courses must result in a program completion and industry certification 2 Credits in Work-Based Learning programs
Online Course	1 of 24 Credits	Not Required	Not Required
Total Credits	24 Credits	18 Credits	18 Credits

To earn a standard high school diploma the student must meet the above credit requirements as well as the following:

- Earn a minimum, cumulative GPA of 2.0 on a 4.0 scale
- Earn a passing score (level 3 or higher) on the Grade 10 FSA ELA (or a score that is concordant)
- Earn a passing score (level 3 or higher) on the Algebra 1 EOC Assessment (or a score that is concordant)
- Participate in the End of Course (EOC) Exams which are required for the following courses and the results will constitute 30% of the student's final course grade: Algebra 1, Geometry, Biology 1, US History
- Participate in the Florida Civics Literacy Examination

^{**}AT THE TIME THIS GUIDE WAS PUBLISHED STATE LEGISLATION WAS IN SESSION; THEREFORE SOME CHANGES MAY OCCUR AFTER JUNE 2022.

PROMOTION & CLASS PLACEMENT REQUIREMENTS:

To be promoted to:

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

WALKING IN WHITE

Walking in White is a distinction for graduates who have performed in the classroom, on assessments and in the community. To earn this recognition the student must:

- Earn a GPA of 3.5 (weighted)
- Receive 10 or more credits in advanced classes (Advanced Placement, Dual Enrollment, Honors)
- Score 1100 on the SAT -OR- 23 on the ACT
- Record 75 community service hours

HONOR GRADUATE

An Honor Graduate is a distinction for the graduating student who has earned a GPA of 3.5 (weighted).

NCAA ACADEMIC ELIGIBILITY

NCAA Division I requires 16 core courses, a minimum 2.3 core GPA and a minimum test score based on a sliding scale with GPA consideration. For more information and to view SSHS'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 help parents and students interpret the results of these tests. The following tests are given:

- FSA ELA Reading & Writing
- Algebra 1 EOC
- Geometry EOC
- Biology EOC
- US History EOC

- Advanced Placement
- ASVAB
- PERT
- PSAT/NMSQT
- SAT

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

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

For more information, visit www.actstudent.org & www.collegeboard.org

AVID

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

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

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

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

To remain in the AVID program the student must:

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

ADVANCED PLACEMENT (AP) PROGRAM

The College Board's Advanced Placement (AP) Program is a nationwide program consisting of more than 30 college-level courses and exams offered at participating high schools. Subjects range from art to statistics. Students who earn a qualifying score of level 3 or above on an AP exam can earn college credit, 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.

ADVANCED PLACEMENT CAPSTONE DIPLOMA PROGRAM

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

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

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

AP COURSE OFFERINGS

COURSE	COURSE CODE	GRADE LEVEL
BIOLOGY	2000340	11, 12
CALCULUS AB	1202310	11, 12
CALCULUS BC	1202320	12
CAPSTONE SEMINAR	1700500	10, 11, 12
CAPSTONE RESEARCH	1700510	11, 12
COMPUTER SCIENCE PRINCIPLES	0200335	10, 11, 12
ENGLISH LANGUAGE & COMPOSITION	1001420	11,12
ENGLISH LITERATURE & COMPOSITION	1001430	11, 12
ENVIRONMENTAL SCIENCE	2001380	11, 12
HUMAN GEOGRAPHY	2103400	9, 10, 11, 12
MACROECONOMICS	2102370	12
PHYSICS 1	2003421	11, 12
PHYSICS 2	2003422	12
PSYCHOLOGY	2107350	11, 12
STATISTICS	1210320	11, 12
STUDIO ART: 2-D DESIGN	0109350	11, 12
STUDIO ART: DRAWING	0104300	12
U.S. GOVERNMENT AND POLITICS	2106420	12
U.S. HISTORY	2100330	11
WORLD HISTORY	2109420	10

DUAL ENROLLMENT

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

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

- Pass the 10th grade FSA ELA Reading and Writing (Level 3 or higher)
- Pass the Algebra 1 EOC
- Have a minimum, unweighted GPA of 3.0
- Have 14 high school credits

- Have a score that indicates College Readiness on the SAT, ACT or PERT.
- A student must pass Reading Comprehension and one other section to be eligible for dual enrollment. The passing scores are good for up to two years.

BENCHMARK COLLEGE READINESS TO QUALIFY FOR DUAL ENROLLMENTPERT

PERT	SAT	ACT	PSAT
Reading 106	Reading 24	Reading 19	EBRW 430
Writing 103	Writing 25	English 17	Math 480
Math 114	Math 24	Math 19	

CAREER AND TECHNICAL EDUCATION DUAL ENROLLMENT PROGRAMS OFFERED

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

Some Dual Enrollment classes are offered on the SSHS campus. The majority of Dual Enrollment courses are offered during first and second period at the LSSC campus in Sumterville. Students attending the LSSC Campus in the morning must enroll in 2 Dual Enrollment classes. It is the student's responsibility to see their counselor for a Dual Enrollment Application and be aware of the policies and deadlines (dropping a course). For more information concerning Dual Enrollment at LSSC, go to www.lssc.edu.

CAMBRIDGE AICE PROGRAM

The Cambridge AICE curriculum is an innovative and accelerated method of academic study offered solely through the University of Cambridge International Examinations (CIE), a division of the University of Cambridge, an institution that consistently ranks as one of the top five academic universities in the world. AICE provides a flexible, broad-based curriculum that is offered worldwide at schools and colleges in over 161 countries. Students who earn a qualifying score can earn college credit.

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. 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 1st of your senior year and closes the day of graduation. You will forfeit all future eligibility for a Bright Futures Scholarship if you have not applied during the application window.

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

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

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

LANGUAGE ARTS

Pre-AP English 1 focuses on the close reading, analytical writing, and language skills that have immediate relevance for students across their current courses and that are most essential for their future work in high school, college, and careers. Texts take center stage in the Pre-AP English 1 classroom, where students engage in close, critical reading of a wide range of materials. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and communicate ideas clearly.

<u>1001416</u> ★ Pre-AP English 2 <u>10th Grade</u> <u>1.0 Credit</u>

Prerequisite: Pre-AP English 1 or equivalent

Pre-AP English 2 spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English 1 introduces the foundational routines of close observation, critical analysis, and appreciation of author's craft, English 2 requires students to apply those same practices to a new host of complex texts—the types of texts they will soon encounter in AP English courses, college classes, and on the SAT. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays without losing sight of the importance of well-crafted sentences and a sense of cohesion.

1009400 ★Cambridge AICE English General Paper 11th Grade 1.0 Credit

Prerequisite: Pre-AP English 2 or equivalent for Grade 11

Pre-AP English 1 or equivalent for Grade 10

No Prerequisite for Grade 9

This course builds learners' ability to understand and write in English through the study of a broad range of contemporary topics. They will analyze opinions and ideas and learn how to construct an argument, developing highly transferrable skills including: how to develop arguments and present reasoned explanations, a wider awareness and knowledge of current issues, independent reasoning, interpretation and persuasion skills and the ability to present a point of view clearly and reflect upon those of others.

1001405 English 4 College Preparatory Course 12th Grade 1.0 Credit

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.

1001420

★AP English Language & Composition

11th Grade

1.0 Credit

Prerequisite: Pre-AP English 2, English 2

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

1001430

★AP English Literature & Composition

12th Grade

1.0 Credit

Prerequisite: AP English Language & Composition, English 3

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

ENC 1101

★College Composition I

11th - 12th Grades

1.0 Credit

Prerequisites: 3.0 GPA & Qualifying Score on Placement Test

Credit: 3 College Credits Plus 1 High School Credit

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

ENC 1102

★Composition Literature

11th - 12th Grades

1.0 Credit

Prerequisite: ENC1101 Grade C or higher

Credit: 3 College Credits Plus 1 High School Credit

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

READING

1000412 Intensive Reading 1 9th Grade 1.0 Credit

This course is designed for 9th grade students reading below grade level. This course emphasizes reading comprehension skills, writing, critical thinking, analyzing and synthesizing information, and vocabulary skills using a variety of literary and informational texts. The course provides extensive opportunities for students to collaborate with their peers and with the use of technology to further the students reading abilities at and above grade level. Required for all 9th grade students who score Level 1 or 2 on the 8th grade FSA ELA. Also required for transfer students who do not have an FSA ELA score.

1000414 Intensive Reading 2 10th Grade 1.0 Credit

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

Required for all 10th grade students who score Level 1 or 2 9th grade FSA ELA. Also required for transfer students who do not have an FSA ELA score.

1000416 Intensive Reading 3 11th Grade 1.0 Credit

This course is designed for 11th grade students reading below grade level. This class is designed to motivate, enlighten, and assist in the development of reading ability. A myriad of strategies are used for reading comprehension. Critical thinking and writing are a significant component of this course; you can expect to write consistently and independently read and analyze complex text in this class. The objective for this course is focused on achievement for the Florida Standards Assessment (FSA) English Language Arts and the SAT/ACT college entrance exams.

Required for 11th grade students who have not scored Level 3 or higher on the 10th grade FSA ELA.

1000418 Intensive Reading 4 12th Grade 1.0 Credit

This course is designed for 12th grade students reading below grade level. This class is designed to motivate, enlighten, and assist in the development of reading ability. A myriad of strategies are used for reading comprehension. Critical thinking and writing are a significant component of this course; you can expect to write consistently and independently read and analyze complex text in this class. The objective for this course is focused on achievement for the Florida Standards Assessment (FSA) English Language Arts and the SAT/ACT college entrance exams. Required for 12th grade students who have not scored Level 3 or higher on the 10th grade FSA ELA.

MATHEMATICS

1200370 Algebra 1 A 9th Grade 1.0 Credit

Recommendation: FSA Math Score Level 1

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

1200310 Algebra 1 9th Grade 1.0 Credit

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.

1206310 Geometry 9th – 12th Grades 1.0 Credit

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.

1206320 ★Geometry Honors 9th – 11th Grades 1.0 Credit

Prerequisite: Algebra 1 or Algebra 1 Honors

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

1208300 Liberal Arts Mathematics 1 9th – 12th Grades 1.0 Credit

Prerequisite: Algebra 1

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

1200700 Mathematics for College Readiness 10th – 12th Grades 1.0 Credit

Prerequisite: Algebra 1, Geometry

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

1200330 Algebra 2 9th – 12th Grades 1.0 Credit

Prerequisite: Algebra 1, Geometry

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

Prerequisite: Algebra 1 or Algebra 1 Honors, Geometry or Geometry Honors

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

1202340 ★Pre-Calculus Honors 10th – 12th Grades 1.0 Credit

Prerequisite: Algebra 2 or Algebra 2 Honors

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

1202310 ★Advanced Placement Calculus AB 11th − 12th Grades 1.0 Credit

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.

1202320 ★Advanced Placement Calculus BC 12th Grade 1.0 Credit

Prerequisite: AP Calculus AB

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

1210320 ★Advanced Placement Statistics 11th − 12th Grades 1.0 Credit

Prerequisite: Algebra 2 or Algebra 2 Honors

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

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

1201300 ★Math Analysis Honors 10th – 12th Grades 0.5 Credit

Prerequisite: Algebra 1, Geometry & College Ready Score

The purpose of this course is to continue to strengthen mathematical skills necessary for further study of advanced mathematics. The content should include algebra, geometry, statistics and finance.

MAT1033 ★Intermediate Algebra 10th – 12th Grades 0.5 Credit

Prerequisite: Algebra 1, Geometry & College Ready Score

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

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

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

SCIENCE

ALL ADVANCED SCIENCE CLASSES REQUIRE ALL STUDENTS TO DO A STEM PROJECT AND/OR SCIENCE FAIR PROJECT

2003310 Physical Science 9th – 10th Grades 1.0 Credit

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

2000310 Biology 1 9th – 12th Grades 1.0 Credit

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.

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

<u>2003340 Chemistry 1 10th – 12th Grades 1.0 Credit</u>

Prerequisite: Biology 1 & Algebra 1

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

2003350 ★Chemistry 1 Honors 10th – 12th Grades 1.0 Credit

Prerequisite: Biology 1 & Algebra 1

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

2000360 ★Anatomy and Physiology Honors 11th – 12th Grades 1.0 Credit

Prerequisite: Biology & Chemistry

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

<u>2003421</u> ★Advanced Placement Physics 1 11th – 12th Grades 1.0 Credit

Prerequisite: Algebra 1, Geometry, Biology & Physical Science Honors

This course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.

2003422 ★Advanced Placement Physics 2 12th Grade 1.0 Credit

Prerequisite: AP Physics 1

This course is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: fluids; thermodynamics; electrical force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics.

2001380 ★Advanced Placement Environmental Science 10th – 12th Grades 1.0 Credit

Prerequisite: Biology

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

2000340 ★Advanced Placement Biology 11th – 12th Grades 1.0 Credit

Prerequisite: B or better in Biology Honors and Chemistry Honors

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

SOCIAL STUDIES

2109310 World History 10th Grade 1.0 Credit

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

2109420 ★Advanced Placement World History 10th Grade 1.0 Credit

Recommendation: 9th Grade FSA ELA Score Level 3-5

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

2100310 United States History 11th Grade 1.0 Credit

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

2100330 ★Advanced Placement US History 11th Grade 1.0 Credit

Recommendation: 10th Grade FSA ELA Score Level 3-5

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

2106310 American Government 12th Grade 0.5 Credit

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.

2102335 Economics with Financial Literacy 12th Grade 0.5 Credit

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.

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

2106420 ★Advanced Placement Government & Politics 12th Grade 0.5 Credit

Recommendation: FSA ELA Score Level 3-5

This course can replace American Government

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

2102370 ★Advance Placement Macroeconomics 12th Grade 0.5 Credit

Recommendation: FSA ELA Score Level 3-5

This course can replace Economics with Financial Literacy

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

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

2102372 Personal Financial Literacy 12th Grade 0.5 Credit

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

AGRICULTURAL DEPARTMENT & PROGRAMS

Program: Agritechnology

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

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

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

Program: Horticulture Science & Services

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

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

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

Program: Technical Agriculture Operations (Agriculture Mechanics)

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

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

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

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

Program: Animal Science & Services

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

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

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster. Provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the animal science industry within the Agriculture, Food and Natural Resources career cluster. The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, health, safety and environmental issues, and the use and care of animal health-care instruments, animal grooming equipment, animal restraining equipment, and laboratory equipment.

Program: Agriculture Biotechnology

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

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

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

8200410A	Agribusiness Cooperative Education – OJT	11 th - 12th Grade	1.0 Credit
02007107	Agribusiness cooperative Education Osi	11 - 12tii Grade	1.0 CI CUIL

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

12th grade students may enroll up to three periods. 11th grade students may enroll up to two periods.

EARLY CHILDHOOD EDUCATION

Program: Early Childhood Education

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

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

Program Description

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

Early Childhood Education 1 includes the following content: childcare rules and regulations, safe learning environments, stages of child development, developmentally appropriate practices, and communication skills, principles of child nutrition and technology use. Early childhood Education 2 includes working directly with children 5 years of age or younger in the Tiny Tot Preschool to complete the 480 hours of ECPC work experience requirement. Students will also earn a ServSafe Food Managers Certification. Early Childhood Education 3 includes competencies in developing lesson plans, as well as competencies from the DCF 40-hour Introductory Childcare Training coursework. Students will continue working directly with the Tiny Tot Preschool children to complete the 480 hours of ECPC work experience requirement and pass all test required for the DCF 40-hour coursework. In the Early Childhood Education 4 course, students will finish all competencies from the DCF 40-hour Introductory Childcare Training coursework. As well as completing the ECPC 480-hour work experience requirement by the end of this course. Additionally, the ECPC is aligned with the National Child Development Associate (CDA). Student who earn the ECPC may earn the National CDA, if they choose to do so, by completing additional requirements and testing fees. (http://www.cdacouncil.org

8200410C Childhood Cooperative Education – OJT 11th - 12th Grade 1.0 Credit

This course is designed to provide on-the-job training for the future childcare/preschool worker. In order to enroll in OJT, students must be enrolled in the Early Childhood Education Program and must have teacher recommendation. Jobs must be business-oriented in nature.

12th grade students may enroll up to three periods. 11th grade students may enroll up to two periods.

BUSINESS PROGRAMS

Program: Administrative Office Specialist

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

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

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

Program: Digital Design
Industry Certifications: CIW Social Media Specialist, Adobe Certified Associate (ACA) – Photoshop & InDesign

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

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

SOUTH SUMTER HIGH SCHOOL CAREER TECHNICAL EDUCATION PROGRAMS & INDUSTRY CERTIFICATION COURSES 2022-23 CURRICULUM GUIDE STUDENTS ARE ENCOURAGED TO MAKE A COMMITMENT & COMPLETE THE PROGRAM TO EARN AN INDUSTRY CERTIFICATION

8200410B Business Cooperative Education – OJT

11th - 12th Grade

1.0 Credit

This course is designed to provide on-the-job training for the dedicated business student. In order to enroll in OJT, students must have completed one of the business programs and must have teacher recommendation. Jobs must be business-oriented in nature.

12th grade students may enroll up to three periods. 11th grade students may enroll up to two periods.

CRIMINAL JUSTICE OPERATIONS

Program: Criminal Justice Academy

Course Number	Course Title	Length
8918010	Criminal Justice Operations 1	1 credit
8918020	Criminal Justice Operations 2	1 credit
8918030	Criminal Justice Operations 3☆	1 credit

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 program will also receive training in workplace essentials and interpersonal and employability skills. The program is designed to develop competencies in Patrol, Traffic Control, Defensive Tactics and Physical Proficiency Skills, First Aid and CPR skills, Crime and Accident Investigation Procedures, Forensic Science Tasks, Crime Prevention and Property Control Procedures.

Program: Dispatcher: Police, Fire, Ambulance

Industry Certification: 911 Public Safety Telecommunicator

Course Number	Course Title	Length	Grade
9101100	Dispatcher: Police, Fire, Ambulance	1.5 credit	12
8300330	Workplace Technology	0.5 credit	12

The Dispatcher Program is designed to prepare students for certification and employment as a dispatcher: police, fire, ambulance (SOC 43-5031). It offers students 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.

MEDICAL CAREER ACADEMY

Program: MeCA

Industry Certifications: Certified Clinical Medical Assistant (CCMA), Certified Medical Administrative Assistant (CMAA), Certified Electrocardiogram Technician (CET), Certified Phlebotomy Tech, Certified Patient Care Technician (CPCT)

Course Number	Course Title	Length	Grade
8207310	Digital Information Technology ▼ -OR- equivalent	1 credit	9/10
8417100	Health Science Anatomy & Physiology☆	1 credit	10
8417110	Health Science Foundations☆	1 credit	11
8417131	Allied Health	1 credit	12
8417161	EKG Aide	0.5 credit	12
H170302	Phlebotomy★	0.5 credit	12

This program is designed to provide a basic overview of current business and information systems, based on medical terminology, anatomy, physiology, microbiology, chemistry, transmission of disease, and current health related issues. The student is provided with basic knowledge and skills required for many different health care occupations; information related to human growth and development, cultural diversity, geriatric care, nutrition, safety, first aid, and legal/ethical responsibilities of health care workers. The program introduces the student to skills required for specific health care occupations. These concepts include the introduction to medical 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. Content includes but is not limited to patient care and safety, geriatric patient care, nutrition principles, rehabilitation services as well as supervised management functions. 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.

Program: Phlebotomy

Industry Certification: Certified Phlebotomy Technician

Course Number	Course Title	Length	Grade
HSC0003MEA520	Basic Healthcare Work & Phlebotomist★	1 credit	12

The Phlebotomy Program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster. The content includes but is not limited to communication, leadership, human relations and employability skills; performance of safe and efficient work practices in obtaining adequate and correct blood specimens by capillary or venipuncture on adults, children and neonates; maintaining the integrity of the specimen in relation to the test to be performed; preparing blood smears; labeling specimens accurately and completely; observing safety policies and procedures; emergency procedures including CPR; delivering a variety of clinical specimens to the clinical laboratory; sorting and recording specimens; and preparing collection trays for specimen procurement.

EPIC TEACHING ACADEMY

Program: EPIC Teaching Academy

Industry Certification: ServSafe Food Manager Certification

Course Number	Course Title	Length	Grades
8909010	Introduction to the Teaching Profession	1 credit	9/10
8909020	Human Growth/Development	1 credit	10/11
8909030	Foundations of Curriculum & Instruction☆	1 credit	11/12
8909040	Principles of Teaching Internship	1 credit	11/12

Recommended Courses for Dual Enrollment			
EDF2005	Introduction to Education★	1 credit	
EDF2085	Teaching Diverse Populations★	1 credit	
EME2040	Technology for Educators★	1 credit	

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

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

8500410T Education & Training Cooperative Education – OJT 11th - 12th Grade 1.0 Credit

This course is designed to provide on-the-job training for the future teacher. In order to enroll in OJT, students be enrolled in the Teacher Academy and have teacher recommendation.

12th grade students may enroll up to three periods. 11th grade students may enroll up to two periods.

VIDEO PRODUCTIONS

Program: TV Productions

Industry Certification: Adobe Professional Certification Video Design Bundle; Premiere Pro, Photoshop, After Effects

Prerequisite: Teacher Recommendation and Program Acceptance

Course Number	Course Title	Length
8207310	Television Production Technology 1 ▼	1 Credit
8201520	Television Production Technology 2 ▼	1 Credit
8201530	Television Production Technology 3☆ ▼	1 Credit
8201540	Television Production Technology 4☆ ▼	1 Credit

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

COMPUTER GAMING & PROGRAMING

Program: Computer Gaming & Programing

Industry Certification: Toon Boom Certified Associate, Autodesk Certified User

Course Number	Course Title	Length
8207310	Digital Information Technology ▼ -OR-	1 credit
8208110	Game & Simulation Foundations ▼	1 credit
8208120	Game & Simulation Design ▼	1 credit

The Computer Gaming and Programing program offers a sequence of project-based courses that provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster such as Game or Simulation Designer, Game or Simulation Graphic Artist, and Game or Simulation 3-D Animator; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster.

The content includes but is not limited to practical experiences in game/simulation conceptualization, design, storyboarding, development methodologies, 2D/3D animation design and production, and implementation issues. Specialized skills involving graphic animation software are used to produce a variety of two and three-dimensional components.

WELDING

Program: Welding

Industry Certification: AWS Welder

Course Number	Course Title	Length
9204410	Welding Tech Fundamentals☆ ▼	1 Credit

This Welding Program provides the student with technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in the welding industry

ART

0101300 ▼2D Studio Art 1 9th – 12th Grades 1.0 Credit

Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

0101310 ▼2D Studio Art 2 10th – 12th Grades 1.0 Credit

Prerequisite: Studio Art 1

Students develop and refine technical skills and create 2-D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artists sketch, manipulate, and refine the structural elements of art to improve mark-making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

0114900 ★ ▼ Pre-AP Visual Arts 11th – 12th Grades 1.0 Credit

Prerequisite: Studio Art 2

The course design provides opportunities for students to develop the knowledge, skills, and dispositions articulated across the five big ideas in the arts framework, both during and outside of Pre-AP Arts module implementation.

0109350 ★▼Advanced Placement Studio 2-D Art & Design 11th - 12th Grades 1.0 Credit

Prerequisite: Studio Art 2 & Pre-AP Visual Arts

This course is an introductory college-level two-dimensional design course and must meet College Board standards. Students refine and apply skills and ideas they develop throughout the course to produce two-dimensional art and design. Summer work is required and a minimum of one hour each day on art assignments.

0104300 ★▼Advanced Placement Drawing 12th Grade 1.0 Credit

Prerequisite: AP Studio 2-D Art & Design

This course is an introductory college-level drawing course and must meet College Board standards. Students refine and apply skills and ideas they develop throughout the course to produce drawings. Summer work is required and a minimum of one hour each day on art assignments.

MUSIC, BAND & CHORUS

1302355 ▼ Marching Band 9th – 12th Grades 1.0 Credit

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

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

1302500/10/20/30 ▼ Jazz Ensemble 1, 2, 3, 4 9th – 12th Grades 1.0 Credit

Students with experience on an instrument suited for jazz ensemble explore the fundamentals of performance practices, improvisation, and music theory through a diverse repertoire of high-quality jazz literature. Students learn the basics of foundational jazz styles, use chord symbols, develop knowledge of musical structure, and study the history of jazz and its iconic musicians. All members of this group are required to represent our school through concerts, in and out of state competitions, and the District Jazz Festival.

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

1302460/70/80/90 ▼Instrumental Ensemble 1, 2, 3, 4 9th – 12th Grades 1.0 Credit

These courses are for percussion students of moderate abilities wanting to showcase their talents in a unique setting. Percussion students MUST also be members of the Marching Band and can also be in the Band class. All members of this group are required to represent our school through concerts, parades, in and out of state competitions, at the District Marching Festival, as well as district Solo & Ensemble Music Performance Assessment.

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

1305300/10/20/30 ▼ Eurhythmics 1, 2, 3, 4 9th – 12th Grades 1.0 Credit

Prerequisite: Teacher recommendation & audition.

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

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

1303300/10/20/30 ▼ Chorus 1, 2, 3, 4

9th - 12th Grades

1.0 Credit

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.

1301320/30/40/50

▼ Guitar 1, 2, 3, 4

9th – 12th Grades

1.0 Credit

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

AP CAPSTONE DIPLOMA PROGRAM

1700500 ★AP Capstone Seminar

10th – 12th Grades

1.0 Credit

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

1700510

★AP Capstone Research

11th – 12th Grades

1.0 Credit

Prerequisite: AP Capstone Seminar

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

AVID

1700390/400/410/420

AVID 1, 2, 3, 4

9th - 12th Grades

1.0 Credit

Prerequisite: Teacher Recommendation and Program Acceptance

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

PSYCHOLOGY

2107350

★Advanced Placement Psychology

11th – 12th Grades

1.0 Credit

Recommendation: FSA ELA Score Level 3-5

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

HUMAN GEOGRAPHY

2103400 ★Advanced Placement Human Geography 9th – 12th Grades 1.0 Credit

Recommendation: FSA ELA Score Level 3-5

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

WORLD LANGUAGES

0708340 Spanish 1 10th – 11th Grades 1.0 Credit

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.

<u>0708350 Spanish 2 11th – 12th Grades 1.0 Credit</u>

Prerequisite: Spanish 1

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

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

STUDENT SUCCESS

SLS1501 ★College Success − Foundations of Success 11th − 12th Grades 0.5 Credit

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

COMPUTER SCIENCE

 10th - 12th Grades

1.0 Credit

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

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

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.

GENERAL ELECTIVE COURSES

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.

9th – 12th Grades

1.0 Credit

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

11th – 12th Grades

1.0 Credit

The purpose of this course is to enable students to develop knowledge of the history, customs, traditions and purpose of the NNDCC. The course includes development of basic leadership skills including leadership principles, values and attributes. Students should master appreciation for diversity. Active learning strategies are integrated throughout the course with planning as well as physical fitness, diet nutrition, healthy lifestyles, awareness of substance abuse and prevention and basic first aid measures are included. An overview of the globe, geography and basic map reading skills are incorporated.

YEARBOOK

1700320 Research 2 - Yearbook

9th - 12th Grades

1.0 Credit

Prerequisite: Teacher Recommendation and Program Acceptance

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

STUDENT MENTORING

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

Prerequisite: Teacher Recommendation and Program Acceptance

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

9TH GRADE TRANSITION

2400310 Leadership Techniques 9th Grade 1.0 Credit

This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society. The content should include, but not be limited to, the following: development in areas such as self-esteem, goal setting, and character building and enhanced leadership skills and the ability to function in both a group setting and the community. All non-AVID 9th grade students must take this course.

GENERAL ELECTIVE COURSES PHYSICAL & HEALTH EDUCATION

NOTE: ALL PHYSICAL EDUCATION CLASSES ARE CO-EDUCATIONAL

1501300	◆●Personal Fitness (online)	9th Grade	0.5 Credit
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The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices. Students will combine the learning of principles and background information in a classroom setting with physical application of the knowledge. In addition to the physical education content represented in the benchmarks below, specific health education topics within this course should include, but are not limited to: Mental/Social Health, Physical Activity, Components of Physical Fitness, Nutrition and Wellness.

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

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

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

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

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

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

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

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

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

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

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

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

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

These courses emphasizes knowledge and application of skills for beginning and intermediate weight training.

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

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

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

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.

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

0800320 First Aid & Safety 9th – 12 Grades 0.5 Credit

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

The purpose of this course is to enable students to develop knowledge of the anatomy and physiology related to athletic injuries and skills related to the nature, prevention, care and rehabilitation of athletic injuries.

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