

SEMINOLE COUNTY VIRTUAL

# CURRICULUM GUIDE

SCHOOL YEAR 2020-2021



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## **SEMINOLE COUNTY VIRTUAL SCHOOL MISSION STATEMENT**

*To provide students with state-of-the-art educational opportunities to gain the knowledge and skills necessary to succeed academically and personally using a technological environment that creates flexibility for time, space, access, and support.*

Dear Seminole Virtual Students and Parents,

High school course selection is such an important part to the start of each year. The courses you select should challenge you but not be so overwhelming that success is out of reach. When you are thinking about your courses, think about your interests and strengths. What matters most to you? What are your goals? Talk to your teachers, your counselor, and your parents when making these important decision. Select courses that will challenge and inspire you towards your future!

Dr. Deborah Camilleri  
Principal, Seminole County Virtual School

## **ADMINISTRATIVE/OFFICE STAFF**

Dr. Deborah Camilleri, Principal .....	746-6751
Courtney Kavanaugh, Asst Principal.....	746-6764
Courtney Sandoval, SAM .....	746-6752
Rob Washburn, Certified School Counselor.....	746-6757
Trish Horel, Academic Interventionist.....	746-6755
Matthew Cavalier, Student Success Adovcate .....	746-6768
Donna Tucker, Front Desk.....	746-6753
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## **GENERAL INFORMATION**

### **Seminole County Public Schools Educational Equity - Notice of Nondiscrimination**

The Educational Equity Administrator for Seminole County Public Schools has the responsibility of assuring compliance with the educational equity requirements by providing technical expertise, monitoring activities or programs related to compliance, and responding to equity complaints. One of the responsibilities is to administer the Educational Equity Complaint/Grievance Procedures as adopted by the School Board.

*It is the policy of the School Board of Seminole County, Florida, that no employee, student, or applicant shall - on the basis of race, color, national origin, sex, disability, marital status, age, religion, or any other basis prohibited by law - be excluded from participating in, be denied the benefits of, or be subjected to discrimination and harassment under any educational programs, activities, or in any employment conditions, policies, or practices conducted by the District. Additionally, the School board of Seminole County provides equal access to public school facilities for the Boy Scouts of America and other designated youth groups as required by 34 C.F.R. 108.9.*

Every employee, student, or applicant for employment at Seminole County Public Schools has a solemn right to be treated fairly, equally, equitably, and with dignity. If for any reason you - the employee, student, or applicant for employment - find that you have been victimized by acts of discrimination and or harassment, whether intentional or unintentional, you are strongly encouraged to file an Educational Equity Complaint or Grievance with the Educational Equity Administrator, or any county or school-level administrator. All such complaints must be immediately forwarded to the Educational Equity Administrator for dissemination, action, and resolution. Forward to: SCPS Educational Equity Administrator, Seminole County Public Schools, Educational Support Center, 400 E. Lake Mary Blvd., Sanford, FL 32773-7127. (407) 320-00198

### **Higher Level Course Participation**

Seminole County recognizes the benefits students derive from higher level course participation and the importance of fair and equitable standardized criteria for enrollment in higher level courses. Students may elect to enroll in higher level courses based on any one of the multiple criteria. Where applicable, prerequisite course completion is required. Multiple enrollment criteria include, but are not limited to, self-selection, teacher recommendation, previous academic success and standardized or state test scores.

## **SCVS/SADL Full Time Enrollment Windows and Requirements**

- Full-time enrollment in SCVS/SADL for the 2020-2021 school year will be open from April 1, 2020-July 20, 2020.
- Full-time enrollment in SCVS/SADL for semester 2 of 2021 will be open from November 30, 2020-December 18, 2020.
- The enrollment period restriction may be waived for good cause (medical documentation; family hardship; transfer from another virtual school) by the principal of SCVS/SADL.
- Any student entering SCVS/SADL with a prior year FSA Reading or Math score of Level 1 or Level 2 will be required to sign a contract as a condition of enrollment committing to one (1) or more weekly face-to-face sessions at the SCVS/SADL office for remedial support. Failure to meet the provisions of this contract will result in return to zoned school at semester or end of school year as appropriate.

## Secondary Grading System and Grade Point Average

Seminole County School Board awards weighting for Gifted, Honors, Level 3, Dual Enrollment and AP courses.

### **Advanced Placement/Dual Enrollment**

A = 5.0 Quality Points  
B = 4.0 Quality Points  
C = 3.0 Quality Points

### **Gifted/Honors/Level 3 courses**

A = 4.5 Quality Points  
B = 3.5 Quality Points  
C = 2.5 Quality Points

### **Classification of Students**

9th grade student	Having been promoted or assigned from 8th grade
10th grade student	Having earned 6 credits
11th grade student	Having earned 12 credits
12th grade student	Having earned 19 credits

### **Accelerated Graduation Option**

See the "Student Progression Plan" on the SCPS website for specific information. Any interested student should carefully consider if this is an appropriate choice by discussing these options with his/her guidance counselor.

Please consult the SCPS Student Progression Plan for information on waivers for the requirements for physical education, fine arts and specific science courses prior to registration.

## FLORIDA BRIGHT FUTURES SCHOLARSHIP PROGRAM

The Office of Student Financial Assistance (OSFA) State Programs, within the Florida Department of Education, administers a variety of postsecondary educational state-funded grants and scholarships and provides information to students, parents and high school and postsecondary professionals. The Florida Bright Futures Scholarship Program established three lottery-funded scholarships to reward Florida high school graduates for high academic achievement. The Florida Bright Futures Scholarship Program is comprised of the following three awards: Florida Academic Scholars Award (FAS) (including Academic Top Scholars); Florida Medallion Scholars Award (FMS); Florida Gold Seal Vocational Scholars Award (GSV). Each award level has different academic criteria for eligibility and receives a different award amount.

Contact OSFA at 1-888-827-2004 or visit [www.floridastudentfinancialaid.org/ssfad/factsheet/BF.htm](http://www.floridastudentfinancialaid.org/ssfad/factsheet/BF.htm). There is a direct link to this website on our own school site [www.winterspringshs.scps.k12.fl.us](http://www.winterspringshs.scps.k12.fl.us) under "Guidance."

To apply for Initial Eligibility the student will need to:

1. Submit a fully completed (error free) Initial Student Florida Financial Aid Application during his/her last year in high school (after October 1 and prior to graduation) by accessing [www.FloridaStudentFinancialAid.org](http://www.FloridaStudentFinancialAid.org) (select State Grants, Scholarships and Applications, then Apply Here). The application gives the Florida Department of Education (FDOE) permission to evaluate the student's high school transcript and standardized test scores for eligibility for a Bright Futures Scholarship and other state scholarships and grants;
2. Apply during his/her last year in high school, before graduation, or forfeit all future eligibility for a Bright Futures Scholarship. Application on the website, from the home or school computer, provides opportunity to initiate the application, view its status, update personal information and check application progress throughout the school year. Early application, even with only partial information to complete the application, is recommended.

Applications are available directly on the Florida State Department of Education website: [www.floridastudentfinancialaid.org/SSFAD/home/uamain.html](http://www.floridastudentfinancialaid.org/SSFAD/home/uamain.html).

Award amounts for the 2108-19 academic year will be available on the Bright Futures website in summer 2018, after the legislative session. [www.floridastudentfinancialaid.org/SSFAD/bf/awardamt.htm](http://www.floridastudentfinancialaid.org/SSFAD/bf/awardamt.htm).



## ACADEMIC DUAL ENROLLMENT

Seminole State College offers academic college credit to Seminole County Virtual high school students. Students who take academic dual enrollment courses receive both high school and college credits. See your SCVS school counselor for more information. As per the Seminole County Public Schools Student Progression Plan, "Students enrolled in an approved dual enrollment course are exempt from the payment of registration, tuition, and laboratory fees for no more than nine credit hours per semester".

## CAREER PATHWAYS

Career Pathways is a partnership between Seminole County Public Schools (SCPS) and Seminole State College of Florida designed to provide at no cost to the students the opportunity to get a head-start in preparing for college and a career.

How does it work? A student begins Career Pathways in high school by exploring career interests through a specified sequence of high school Career and Technical Education elective courses. Upon successful completion of the required sequence of courses (B or above average required in the courses), the student will be eligible to take a college-level assessment test. If the student passes the assessment, enrolls in Seminole State within 24 months after graduating from high school and passes at least one college credit course, he/she will receive college credit for specified courses which lead to the completion of an Associate in Science Degree or Technical Certificate. In program areas that are common to both Seminole State and Valencia College, Career Pathways credits may be awarded at either college.

## AFTER-SCHOOL COURSES

SCPS offers several after school Career and Technical Education (CTE) courses for high school credit. Students can attend an after school course at any of the participating high schools regardless of the high school they currently attend, as long as they have their own transportation. \*Courses typically run 3:30-5:30 Tuesdays and Thursdays unless otherwise noted. Students who would like to add an after school course to their schedule should communicate with their guidance counselor and then register online: <https://scpsafterschoolcourses1920.eventbrite.com>.

<b>COURSE NAME</b>	<b>HOSTING SCHOOL</b>	<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
<b>Applied Robotics</b>	<b>Lake Mary</b>	<b>9410110XLM</b>	This honors-level course provides students with the foundational knowledge and technically oriented experience in the study of the principles, applications and systems of robotics engineering and its effect upon our lives. The students in this program will build and participate in the FIRST Robotics Competition (FRC) at UCF. Students participating in the competition will be eligible for the \$80 million FIRST Scholarship Program. This course requires some Saturday participation.
<b>Automotive Collision Technology</b>	<b>Seminole High</b>	<b>9514010XSH</b>	This course covers safety, planning, preparation and painting elements of automotive repairs, with students often using their own vehicles as their hands-on project. Students are required to complete 3 online collision safety courses and will be exposed to careers within the automotive collision and repair industry while in the program. Participants should anticipate heavy lifting and high noise levels.
<b>Automotive Maintenance and Light Repair</b>	<b>Oviedo Seminole Lyman</b>	<b>504110XO 9504110XSH 9504110XLY</b>	This course provides students with the theory and practical knowledge of basic automotive systems and principles, including internal combustion engine theory, shop safety, tool usage, shop measurement, use of shop manuals, automotive industry history and development, and preventative maintenance.
<b>Aviation</b>	<b>Seminole</b>	<b>9540610XSH</b>	Fly into your future with a career in aviation! This state-of-the-art course is designed to prepare students for pursuit of employment or advanced training in the commercial and general aviation industry. Throughout the course, students will learn the fundamentals of flight including: meteorology, navigation systems and procedures, flight planning skills, ground operations and service duties. Students will participate in project-based learning experiences by using general shop tools and flight training materials while exploring career opportunities and the requirements of a professional aviation mechanic or pilot.

<b>COURSE NAME</b>	<b>HOSTING SCHOOL</b>	<b>COURSE CODE</b>	<b>COURSE DESCRIPTION</b>
<b>Barbering</b>	<b>Lake Howell</b>	<b>8757110XLH</b>	This course will introduce students to shampooing and conditioning, trimming and shaping hair using clippers, shears and razors. Students who are interested in expressing themselves creatively through shaping and cutting hair while working collaboratively with others will thrive in this course at Lake Howell High School. *This course meets Mondays and Wednesdays 3:30-5:30
<b>Cosmetology</b>	<b>Lake Howell</b>  <b>Lake Brantley</b>	<b>8757210XLB &amp; 8905120XLH</b>  <b>8757210XLH &amp; 8905120XLB</b>	The ideal candidate for the Cosmetology program has a passion for making people feel and look good. Students will practice performing services of the hair, skin, and nails throughout this course. Upon completion of these courses, students will have up to 160 hours towards the state requirement for licensing.
<b>Interior Design</b>	<b>Oviedo</b>  <b>Lake Brantley</b>	<b>8506405XO</b>  <b>8506405XLB</b>	From the clothes we wear to the homes we live in, fashion and design are all around us. In this program students will gain an understanding of the elements and principles of design and will learn to make appropriate selections of color, fabrics, furnishings, lighting and furniture.
<b>Technical Design</b>	<b>Lake Mary</b>	<b>8401010XLM</b>	This honors-level course focuses on Engineering, Architecture, 3D Modeling & 3D Printing. First Semester is an in-depth introduction to Technical Drafting & Computer-Aided Design. Students will learn the basics of Autodesk AutoCAD to complete their projects. Second Semester, students will choose to work in either 3D Modeling, Architecture, or a combination of both. Students who choose to dive deeper into 3D Modeling will have the opportunity to print their projects on a Mojo or Dimension 1200 3D printer. Those focused on Architecture will work on an in-depth Architecture project such as developing a set of plans of their dream house. All students will take the AutoCAD Certification Exam.

\* Please note that courses are subject to cancellation due to low enrollment or change in instructor availability.

## ACADEMY OF CONSTRUCTION TECHNOLOGIES

Don't leave high school with just a diploma—leave with a JOB! The Academy of Construction Technologies (ACT) develops a well-trained workforce in the construction industry by integrating academics and a paid work-site experience when available. ACT offers students in grades 11 and 12 the opportunity to begin a career in high school in building trades and construction design technology, which is offered at Lake Brantley HS, Lake Mary HS, Lyman HS, and Seminole HS. Students must be on track for graduation and have a 2.0 GPA to participate.

## WORKPLACE LEARNING – INTERNSHIPS

Students in grades 11 and 12 may have the opportunity to participate in a paid or unpaid internship in some of our region's most in-demand fields. Academic credit will be earned upon successful completion of 133 hours of work along with other required assignments. Students can utilize flexible scheduling to work before, during, or after the school day to gain exposure to real-world working conditions. For more information about workplace learning opportunities, visit the ePathways website: <https://www.scps.k12.fl.us/district/departments/epathways/workplace-learning/>



*ePathways is customized learning that results in our students being prepared for 21st century globally competitive work.*

Seminole County Public Schools offers a variety of choice options to empower students to customize their educational pathway in preparation for college, careers, and citizenship. These options include Magnet Schools and Programs, Programs of Emphasis, Virtual School, After School Courses, Career and Technical Education, and Workplace Learning. Each option has a unique application process and eligibility requirements.

The following information and program descriptions acquaint students and parents with the additional high school options they can consider.

### MAGNET SCHOOLS/PROGRAMS

Designed around specialized themes, **magnet** programs address individual interests and provide students with educational opportunities that take them beyond traditional instructional experiences.

Acceptance into a magnet school/program is by application only. By signing the required program application, parents and students agree to commitment statements which include academic standards, attendance, conduct, and honor code.

**ELIGIBILITY:** Students must reside in Seminole County and submit a High School Magnet School/Program Application. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Student Assignment & Program Access website: <https://www.scps.k12.fl.us/district/departments/assignment-access/>

**TRANSPORTATION:** Transportation for magnet schools and programs is provided to students living more than two miles from the school.

**FOR MORE INFORMATION:** Contact the Student Assignment & Program Access Department at 407-320-0329 or view the website at <https://www.seminoleschoolchoicesapplication.us>

## **INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM**

### **Winter Springs High School**

### **Seminole High School**

The International Baccalaureate (IB) Diploma Program is an internationally recognized, rigorous pre-university course of study that incorporates an extensive liberal arts curriculum containing humanities, social studies, world languages, math, and science. The IB program, affiliated with the International Baccalaureate Organization (IBO), is designed for highly motivated, college-bound students seeking educational challenges. The curriculum is based on international standards and examinations that are evaluated by international educators. Students zoned to Hagerty, Lake Howell, Oviedo, and Winter Springs are eligible to apply for the Winter Springs IB Program. Students zoned to Lake Brantley, Lake Mary, Lyman, and Seminole are eligible to apply for the Seminole IB Program.

## **CROOMS ACADEMY OF INFORMATION TECHNOLOGY**

**Experience IT!** Crooms Academy of Information Technology (AOIT) is Seminole County's only districtwide magnet high school. Crooms AOIT provides cutting-edge innovation in teaching and learning through a technology-enriched environment. Students engage in a rigorous and relevant curriculum that prepares them for post-secondary education with industry-validated technology skills. Students meeting specific criteria will also have the opportunity to earn the credits required for an A.A. degree from Seminole State College as part of their high school curriculum.

## **ACADEMY OF ENGINEERING**

### **Lyman High School**

Lyman Academy of Engineering is a magnet program that prepares students to be the most innovative and productive leaders in science, technology, engineering, and mathematics (STEM) and to make meaningful contributions to our world. Lyman partners with Project Lead the Way (PLTW) to provide a rigorous, relevant STEM education through an engaging, hands-on curriculum. Students are empowered to solve problems, think critically, and use creative and innovative reasoning.

## **ACADEMY OF HEALTH CAREERS**

### **Seminole High School**

The Academy of Health Careers offers a comprehensive, rigorous academic program of college preparation and uniquely relevant curriculum for students who plan to pursue a career as a healthcare professional. The academic courses are combined with the opportunity to gain the initial "building blocks" of healthcare through Health Science education. Hands-on learning opportunities enable students to preview various careers through job shadowing and clinical experiences in area hospitals, clinics, medical offices, emergency medical facilities, and veterinary healthcare sites.

## PROGRAMS OF EMPHASIS

A Program of Emphasis provides a structured study strand centered on a career pathway. Students who are zoned for the school may select the Program of Emphasis, and a limited number of seats in some of the programs listed in this guide may be available for 9th grade students who are not zoned to the school.

Acceptance for out-of-zone students to a Program of Emphasis is by application only. By signing the required transfer request form, parents and students agree to the commitment statements and understandings in the application.

**ELIGIBILITY:** Out-of-Zone seats may be available to incoming 9th grade students only and seats are limited. Students must reside in Seminole County and submit a Program of Emphasis Transfer Application. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Student Assignment & Program Access website: <https://www.scps.k12.fl.us/district/departments/assignment-access/> Programs designated with an \* are not available as choice options and are currently only for students zoned to attend that school based upon their residence.

**TRANSPORTATION:** Transportation is NOT provided for Program of Emphasis transfers. Students may seek assistance for transportation if it is available through the Transportation Department's Ticket to Ride program. Details about this program may be found on the Student Assignment & Program Access website by clicking on the "Transportation" link.

**FOR MORE INFORMATION:** In-zone students should contact their school counselor, out-of-zone students may contact the Student Assignment & Program Access Department at 407-320-0329 or view the website at <https://www.scps.k12.fl.us/district/departments/assignment-access/>

### **HAGERTY HIGH SCHOOL**

#### **Modeling, Simulation, and Analysis Program of Emphasis**

The Modeling, Simulation and Analysis program teaches students the fundamentals of modeling and simulation, a high-demand, high-wage industry in Central Florida. This program includes industry certification.

### **LAKE BRANTLEY HIGH SCHOOL**

#### **Finance Academy Program of Emphasis**

The Finance Academy offers a curriculum comprised of finance and business technology including accounting applications and personal financial planning. This program includes industry certification.

### **LAKE HOWELL HIGH SCHOOL**

#### **Culinary Arts Program of Emphasis \***

The Culinary Arts program allows students to explore all facets of the culinary field, including entrepreneurship, in an industry-standard commercial kitchen. This program includes industry certification.

#### **Cybersecurity Program of Emphasis**

The Cybersecurity program introduces and prepares students for careers in computer science and cyber-defense in multiple industries. This program includes industry certification.

#### **Entrepreneurship Program of Emphasis**

The Entrepreneurship curriculum introduces the broad spectrum of business, industry, and small business initiatives. Students meeting specific criteria will also have the opportunity to earn the credits required for an A.A. degree from Seminole State College as part of their high school curriculum. This program includes industry certification.



## **PROGRAMS OF EMPHASIS**

### **LAKE MARY HIGH SCHOOL**

#### **Advanced Manufacturing & Innovation Program of Emphasis**

The Advanced Manufacturing program gives students the opportunity to design and prototype innovative products using high-tech, industry standard equipment. This program includes industry certification.

#### **Forensic Science & Legal Studies Program of Emphasis**

This program of emphasis includes two tracks: Forensic Science uses groundbreaking modern scientific technology in crime scene investigation, and Legal Studies teaches the foundations of our legal system. This program includes opportunities to earn dual enrollment credit.

### **LYMAN HIGH SCHOOL**

#### **Teaching, learning, & leadership Program of Emphasis**

The Teaching, Learning, & Leadership program empowers students to embrace their potential future as educators and fosters their knowledge of the education profession. This program includes opportunities to earn dual enrollment credit.

### **OVIEDO HIGH SCHOOL**

#### **Bioscience Technology Program of Emphasis**

The Bioscience Technology program provides preparation for the career fields of applied biology in industry, medicine, and agriculture. This program includes industry certification.

### **SEMINOLE HIGH SCHOOL**

#### **Problem Solving Incubator (PSI High)**

The future of high school: PSI High is an immersive, full-time program where students form teams with their peers and community partners to solve real-world problems. In an environment that looks more like a high-tech office than a classroom, students

develop their interests and skills to earn high school credit through project-based work. Our learners are the innovators of tomorrow. The ideal student for PSI High is passionate about learning and improving personally in order to make a difference globally. This program includes industry certification.

#### **Aviation Program of Emphasis**

The Aviation Program of Emphasis provides students with experiential learning opportunities that will directly translate to a career in aviation mechanics—enabling students to work on any commercial or general aircraft. This program includes industry certification.

### **WINTER SPRINGS HIGH SCHOOL**

#### **Renewable Energy Program of Emphasis**

The Renewable Energy Program allows students to study energy technologies and the advantages, disadvantages, and limitations of renewable energy resources for a sustainable future. This program includes opportunities to earn dual enrollment credit.

## MIDDLE SCHOOL COURSE DIRECTORY

High school classes taken in middle school go on the high school transcript that colleges will see and affect the high school GPA.

### Middle School Language Arts

All middle school Language Arts courses can be taken as standard or advanced.

#### **M/J LANGUAGE ARTS 1:**

This course is designed for 6th grade students.

Read short stories and novels, listen to music, read newspapers, and even interview your family. You will also learn how to write interesting stories of your own.

**M/J LANGUAGE ARTS 2:** Designed for 7th grade students. Discover your own ability to write through reading, listening, and analyzing various texts, such as newspapers and novels.

**M/J LANGUAGE ARTS 3:** Designed for 8th grade students. Acquire the tools to understand and express yourself through writing. By the end of the course, you will have completed a portfolio of your own original writings.

### Middle School Math

Most middle school math courses can be taken as standard or advanced.

**M/J MATH 1:** Designed for 6th grade students. Through games that reinforce and strengthen mathematics skills, you will have opportunities to demonstrate your knowledge of number manipulation in real-world scenarios.

**M/J MATH 2:** Designed for 7th grade students. Learn mathematics through animations, applications, videos, games, and real-world scenarios while creating, investigating, and demonstrating your knowledge.

**M/JPRE-ALGEBRA:** Designed for 8th grade students. Not available as Advanced. Gain a true understanding of higher-level concepts, such as functions and systems of

equations, while experiencing intrigue and fun in this hands-on course full of slideshows, applications, videos, and real-world scenarios.

#### **ALGEBRA I 1 credit**

Prerequisite: Pre-Algebra or Math 2 Advanced (A/B in Pre-Algebra or Math 2 Advanced for Algebra I Honors)

Algebra I emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra I and will be prepared for other higher-level math courses. Students must take the end-of-course (EOC) exam. This course taken in middle school counts as high school elective credit – not math credit.

#### **GEOMETRY 1 credit**

Prerequisite: Algebra I (Algebra I Honors for Geometry Honors)

Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, or to create perspective in paintings. Throughout this course, you will use problem solving and real-world application to gain the knowledge of geometric concepts and their practical uses. Students must take the end-of-course (EOC) exam. This course taken in middle school counts as high school elective credit, not a high school math credit.

### Middle School Science

All middle school science courses can be taken as standard or advanced.

**M/J SCIENCE 1:** Designed for 6th grade students. This introduction to science focuses on energy, force, weather, climate, Earth's systems, and living organisms. Explore topics in-depth and build a foundation for concepts covered in Comprehensive Science II and III.



## MIDDLE SCHOOL COURSE DIRECTORY

High school classes taken in middle school go on the high school transcript that colleges will see and affect the high school GPA.

**M/J SCIENCE 2:** This course is designed for 7th grade students. Explore the foundations of science, including energy, Earth's changing features and structures, Earth's history, genetics, heredity, and the organization and interaction of living organisms.

**M/J SCIENCE 3:** Designed for 8th grade students. Prepare for high school science courses with this introduction of new topics and review of science basics. You will learn more about the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.

### **PHYSICAL SCIENCE STANDARD/HONORS 1**

**credit** Prerequisite: A/B in 7th grade science (A/B in 7th grade Advanced Science for Honors). 1 credit. This is a 9th grade course. High school Science credit. Build a foundation for studying physical sciences, including basic physics and chemistry, as you explore this interactive course. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding, and reactions.

### **EARTH SPACE SCIENCE STANDARD/HONORS 1**

**credit.** Prerequisite: A/B in 7th grade science (A/B in 7th grade Advanced Science for Honors). This is a 9th grade course. High school Science credit. This laboratory course focuses on the study of space and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, you will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

### **BIOLOGY I STANDARD/HONORS 1 credit**

Prerequisite: A/B in 7th Grade Science (A/B in 7th Grade Advanced Science for Biology Honors). This is a 9th grade course. High school Science credit. Required for graduation. Explore the structure, function, diversity, and evolution of living matter by taking an in-depth look at the fundamental

characteristics of living organisms. You will have the opportunity to perform hands-on lab activities and develop relationships through collaborative learning. Students must take the state developed end-of-course (EOC) exam in order to earn high school science credit.

### **Middle School Social Studies**

All middle school social studies courses can be taken as standard or advanced.

**M/J WORLD HISTORY:** Designed for 6th grade students. Travel back in time to discover the secrets and benefits of our world's history. You will learn about China's ancient dynasties, the precision of Mayan astronomy, and India's contribution to medicine, which have formed what we know and who we are today.

**M/J CIVICS:** Designed for 7th grade students.

Students must take the state developed end-of-course (EOC) exam. Explore the rights and responsibilities of United States citizenship and examine the structure and function of federal, state, and local governments. You will learn about geography and economics and the important roles citizens play in their communities.

**M/J US HISTORY:** Designed for 8th grade students. You will discover that history is full of adventure, colorful characters, and complex plots. Each plot is different and highlights an important story from our nation's past

# MIDDLE SCHOOL COURSE DIRECTORY

High school classes taken in middle school go on the high school transcript that colleges will see and affect the high school GPA.

## Middle School Physical Education

Required in grades 6-8 unless PE waiver form completed or taking Intensive Reading or Intensive Math

### M/J PE 6 (Physical Education)

This is a half year (1 semester) middle school course. You will explore health and fitness topics with a crew of virtual characters. Among them is Coach Cardio, who will help measure your increasing fitness level as you learn to keep your body physically fit. This course provides middle school elective credit. Please check with your school district regarding middle school physical education requirements.

### M/J PE 7 (Physical Education)

This is a half year (1 semester) middle school course. Each community is full of fitness opportunities that enable students to achieve new levels of fitness through sports, dance, aquatics, and more! This course provides a foundation of knowledge, skills, and values students need to develop a physically active lifestyle. A friendly cast of course characters helps guide and enhance each student's experience. Knowledge about safety rules for exercise, how to improve sport skills, how different activities target different body parts, and how to set and a goal are all part of student learning and participation. Activity choices are plentiful, leading to a healthy and physically active lifestyle.

### M/J PE 8 (Physical Education)

Team sports, extreme sports, and outdoor sports are among the types of activities students learn about and participate in during this course! This interactive, highly animated course helps students learn safety rules for exercise, how to improve skills, and how to establish and accomplish goals. It also provides an overview of many dual, team, extreme, and outdoor sports.

## High School Physical Education

Can be taken in middle school, goes on the high school transcript and affects the high school GPA.

### Personal Fitness (eCampus) .5 credit.

Get started on your path to lifelong fitness by setting goals and working toward them. Along the way, you'll perform daily physical activity, design a fitness plan, and keep track of your progress using an interactive wellness plan.

### Fitness Lifestyle Design (eCampus) .5 credit.

Discover habits of body and mind that will lead to a healthier lifestyle. You will measure your current fitness level and nutrition knowledge and create a plan for achieving your individual goals.

## Middle School Electives

### M/J ART HISTORY

This is a half year (1 semester) middle school course. This Art History course is an introduction to the conceptual understanding of art historical concepts through research and art production. Students will examine a variety of aspects of art history including themes and purposes of art; styles of art; the elements of art; design principles; various media; as well as western and non-western art history from prehistoric to the current day. Students will develop the essential skills of visual and contextual analysis. By examining works of art from diverse cultures and the relationships among these works students develop an understanding of global artistic traditions.

### M/J JOURNALISM

This course is for the inquisitive. In segment one students will learn to analyze media, gather information, and write effective articles. Segment two allows for more in-depth study of media, law and ethics as well as an overview of the history of journalism. In this half of the course, students will also prepare and edit an actual newscast!

# MIDDLE SCHOOL COURSE DIRECTORY

High school classes taken in middle school go on the high school transcript that colleges will see and affect the high school GPA.

## **M/J BUSINESS KEYBOARDING**

This is a half year (1 semester) middle school course. Using a special online library of software, you will gain typing speed while learning the proper technique to become a keyboarding master. You will also learn business skills to prepare for your future career.

## **M/J CAREER RESEARCH AND DECISION MAKING**

This is a half year (1 semester) middle school course. The purpose of this course is to enable students to explore careers/career clusters and make informed career choices. Activities enable students to increase self-awareness and develop the skills needed to successfully plan for postsecondary education and the workplace. Career assessment should include interests, aptitudes, and basic skills. Work-based learning strategies appropriate for this course include job shadowing, field trips, and mentors. Work-based activities allow students to evaluate their career choices as they relate to actual careers at the worksite.

## **M/J CREATIVE PHOTOGRAPHY**

This is a full year (2 semesters) middle school course but can be taken for a semester (semester 1 only). Learn and apply basic camera skills to photograph animals, people, and landscapes. You will select subjects, take photographs, and print and display memories in your own portfolio. You must have access to a digital camera (cell phone cameras do not meet the requirement) to take this course.

## **M/J CRITICAL THINKING / PROBLEM SOLVING**

The purpose of this full year (2 semesters) course is to enable students to develop learning strategies, critical thinking skills, and problem-solving skills to enhance their performance in academic and nonacademic endeavors.

## **M/J GUITAR**

This is a full year (2 semesters) middle school course but can be taken for a semester (semester 1 only). Whether you have been playing the guitar forever or have never touched one, this course will jumpstart your music education or continue to build on your existing skills. You will learn to play a wide variety of styles by learning fundamentals of music and basic guitar skills as you journey on to becoming a skilled guitarist and musician. No prior music experience necessary.

## **REQUIRED:**

- Access to a six-string acoustic guitar, or an electric guitar (with amplifier or iRig type device)
- A way to record and submit video performance to your instructor

## **M/J Peer Counseling:** Prerequisite: none

This is a full year (2 semesters) middle school course. Gain the skills to help you succeed in all areas of your life. You will learn how to take action, set goals, manage your time, and help your peers.

## **M/J BEGINNING SPANISH:** Prerequisite: none

This is a full year (2 semesters) middle school course but can be taken for a semester (semester 1 only). Intended for 6th or 7th grade students. Learn basic Spanish phrases and vocabulary through interactive lessons that include images, recordings and videos.

## **M/J INTERMEDIATE SPANISH:**

Prerequisite: Beg.Spanish

This is a full year (2 semesters) middle school course but can be taken for a semester (semester 1 only). Intended for 7th or 8th grade students. Journey to Spain, Puerto Rico, Colombia, and Argentina with our student traveler, Cristina. Learn new words and phrases with pictures, audio clips and videos, and acquire conversation basics through interactive reading, writing, listening, and speaking exercises.

**INTENSIVE READING** (1 CREDIT) – Only Thru Placement by Administration/Guidance

**INTENSIVE MATH** (1 CREDIT) – Only Thru Placement by Administration/Guidance

# HIGH SCHOOL COURSE DIRECTORY

## High School English

### **ENGLISH I/ENGLISH I HONORS 1 credit.**

Prerequisites: none (A/B in previous English for Honors). This course is a 9th grade required high school level course. Develop language arts skills by reading, writing, listening, viewing, and speaking. You will learn to use the English language to successfully express yourself.

### **ENGLISH II/ENGLISH II HONORS 1 credit.**

Prerequisite: English I (A/B in previous English for Honors). This course is a 10th grade required high school level course. In English II, you will encounter new vocabulary, refine the grammar and mechanics of your writing, and engage in thought-provoking projects. Throughout the course, you will discover how the human experience is the foundation of the best stories, plays, poems, films, and articles.

### **ENGLISH III/ENGLISH III HONORS 1 credit.**

Prerequisite: English II (A/B in previous English for Honors). This course is an 11th grade required high school level course. In English III, you will encounter new vocabulary, refine the grammar and mechanics of your writing, and engage in thought-provoking projects. Throughout the course, you will discover how the human experience is the foundation of the best stories, plays, poems, films, and articles.

### **ENGLISH IV/ENGLISH IV HONORS 1 credit.**

Prerequisite: English III (A/B in previous English for Honors). This course is a 12th grade high school level course. Choose pieces of literature that interest you; then analyze the subject matter and persuasively express your own ideas.

### **ENGLISH IV: FLORIDA COLLEGE PREP 1 credit.**

Prerequisite: English III. Not available in honors. This is a 12th grade high school level course.

Preparing you for the demands of reading, writing, and communicating in college and beyond, you will hone your skills in creative and analytical writing and apply concepts learned to closely read and analyze contemporary and historical informational text.

### **AP ENGLISH LANGUAGE AND COMPOSITION**

**1 credit.** College Level – Prerequisite: English II Honors. Read and analyze prose written in various periods, disciplines, and rhetorical contexts while gaining an understanding of the interactions among a writer's purposes, audience expectations, and subjects. This course meets one required English credit for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

### **AP ENGLISH LITERATURE 1 credit.**

College Level – Prerequisite: AP English Language. Develop critical standards for the appreciation of literary works and increase your sensitivity to literature as a shared experience. This course meets one required English credit for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## High School Math

### **ALGEBRA I/ALGEBRA I HONORS 1 credit.**

Prerequisite: None (A/B in 8th grade math for Algebra I Honors). Algebra I emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra I and will be prepared for other higher level math courses. Students must pass the state developed end-of-course (EOC) exam in order to receive credit. The course is offered as standard or advanced level. Required for graduation.

# HIGH SCHOOL COURSE DIRECTORY

## **LIBERAL ARTS MATH I 1 credit.**

Prerequisite: Algebra I. For college sports, NCAA does NOT count Lib Arts Math 1 as a math credit. The topics include, but are not limited to, linear equations and inequalities, operations with polynomials, data representation and analysis, geometric constructions, symmetry, similarity, systems of linear equations and inequalities, functions, quadratic equations, exponential equations, rational equations, radical equations, and graphing equations and functions.

## **GEOMETRY/GEOMETRY HONORS 1 credit.**

Prerequisite: Algebra I (Algebra I Honors for Geometry Honors). Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, or to create perspective in paintings. Throughout this course, you will use problem solving and real world application to gain the knowledge of geometric concepts and their practical uses. Students must take the end-of-course (EOC) for Geometry to receive credit. The course is offered as standard or advanced level. Required for graduation.

## **MATH FOR COLLEGE READINESS 1 credit.**

Prerequisite: Algebra I and Geometry  
Acquire skills needed for success in college level mathematics. You will explore expressions, equations, statistics, and probability to learn Algebra and Geometry skills required for entry into college-level courses.

## **ALGEBRA II/ALGEBRA II HONORS 1 credit.**

Prerequisite: Algebra I and Geometry (Honors for Algebra II Honors). Starting with a review of basic algebra, you will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. Throughout the course, these mathematical concepts are applied to everyday occurrences to get a better understanding of how the world around us functions. The course is offered as standard or advanced level.

## **PRE-CALCULUS HONORS 1 credit.**

Prerequisite: Algebra II (Algebra II Honors preferred). As a mathematical analyst, you will investigate how advanced mathematics concepts can solve problems encountered in operating national parks. This course includes analytical geometry and trigonometry.

## **CALCULUS HONORS 1 credit.**

Prerequisite: Pre-Calculus Honors or Analysis of Function/Trigonometry Honors  
Study limits, continuity, differentiation, integrated algebraic, trigonometric, and transcendental functions, and the applications of derivatives and integrals.

## **PROBABILITY & STATISTICS HONORS 1 credit.**

Prerequisite: Algebra 2  
Probability and Statistics will introduce students to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and employing statistical inference to analyze data and draw conclusions.

## **AP CALCULUS AB 1 credit.**

College Level. Prerequisite: Pre-Calculus Honors.  
Comparable to college and university calculus, this course helps prepare you for the Calculus AB Advanced Placement\* exam. Study limits, continuity, differentiation, integrated algebraic, trigonometric, and transcendental functions, and the applications of derivatives and integrals. This course meets one required math credit for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.



# HIGH SCHOOL COURSE DIRECTORY

## High School Math

### **AP CALCULUS BC 1 credit.**

College Level. Prerequisite: Pre-Calculus Honors

Comparable to college and university calculus, this course will help prepare you for the Calculus BC Advanced Placement\* exam. Study limits, continuity, differentiation, and integrated algebraic, trigonometric, and transcendental functions, as well as explore applications of derivatives and integrals, infinite series, and parametric and polar equations. This course meets one required math credit for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

### **AP STATISTICS 1 credit.**

College Level. Prerequisite: Algebra II

Actively construct your own understanding of the methods, interpretation, communication, and application of statistics. Each unit is framed by ideas and questions designed to provide you with a deep understanding of the concepts at hand, rather than memorization and emulation. This course meets one required math credit for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## High School Science

### **ASTRONOMY SOLAR/GALACTIC 1 credit.**

Prerequisite: None. (Astronomy Solar/Galactic is a science credit for graduation for SCPS students as long as it is combined with Biology and 2 other equally rigorous science credits). The state and some other districts only require 3 science credits. SCPS requires 4 science credits. Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce you to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, you will examine the life cycle of stars, the properties of planets, and the exploration of space.

### **PHYSICAL SCIENCE STANDARD/HONORS 1 credit.**

Prerequisite: None (A/B in previous science for Honors). Build a foundation for studying physical sciences, including basic physics and chemistry, as you explore this interactive course. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding, and reactions.

### **FORENSIC SCIENCE 1 credit.**

Prerequisite: 10th-12th Grade. Forensic Science is a science credit for graduation for SCPS students as long as it is combined with Biology and 2 other equally rigorous science credits (If taken in 2018-2019 or after, Forensic Science counts as a science credit by itself). The state and some other districts only require 3 science credits SCPS requires 4 science credits. Fingerprints. Blood spatter. DNA analysis. Discover how clues and data are recorded and preserved and examine some of the basic scientific principles that guide forensic laboratory processes like DNA testing, toxicology, and material analysis. This course focuses on techniques and practices used by forensic scientists during a crime scene investigation (CSI).

### **AP ENVIRONMENTAL SCIENCE 1 credit**

Prerequisite: Biology and Chemistry and Algebra 2.

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

### **EARTH SPACE SCIENCE STANDARD/HONORS**

**1 credit.** Prerequisite: None (A/B in previous science for Honors). This laboratory course focuses on the study of space and the geologic and atmospheric forces that shape our world. Through experimentation and investigation, you will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

# HIGH SCHOOL COURSE DIRECTORY

## High School Science

### **BIOLOGY/BIOLOGY HONORS 1 credit.**

Prerequisite: None (A/B in previous science for Honors)  
Explore the structure, function, diversity, and evolution of living matter by taking an in-depth look at the fundamental characteristics of living organisms. You will have the opportunity to perform hands-on lab activities and develop relationships through collaborative learning. This is a 9th grade course. Students must pass the state developed end-of-course (EOC) exam in order to earn credit. Required for graduation.

### **MARINE SCIENCE STANDARD/HONORS 1 credit.**

Prerequisites: Biology (A/B in previous science for Honors).  
Delve deeply into Earth's bodies of water and study geologic structures and how they impact the oceans. Investigate characteristics of various populations of aquatic life, patterns of distribution, and ongoing changes occurring in our ecosystem.

### **CHEMISTRY/CHEMISTRY HONORS 1 credit.**

Prerequisites: Biology and Algebra I (Honors for Chemistry Honors). This course provides a foundation of chemistry concepts, including scientific inquiry, Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, real-world application, and a variety of assessments.

### **PHYSICS/PHYSICS HONORS 1 credit.**

Prerequisites: Algebra II and Chemistry (Honors for Physics Honors) Discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

### **ANATOMY & PHYSIOLOGY STANDARD/HONORS**

**1 credit.** Prerequisite: Chemistry (Honors for Anatomy Honors). Explore the human body and learn how you can help your body cope with many different situations. You will study the structure, location, and function of various systems within the human body and how these systems interact.

### **AP BIOLOGY 1 credit.**

College Level. Prerequisite: Biology, Chemistry, Algebra I. This challenging two-semester course engages you in a wide variety of activities. There is substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering biology concepts. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## High School Social Studies

Social Studies courses are not required in 9th grade.

### **WORLD HISTORY STANDARD/HONORS 1 credit**

Prerequisite: Grade 10. Join Ali and Soo-jin, our modern time travelers, as they journey through history. Discover the connections between world events and eras, from the Roman Empire through the Industrial Revolution, and explore development in our modern world, as well as the implications that historical events have on us today.

### **AP WORLD HISTORY 1 credit**

Prerequisite: Grade 10-12. In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, 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 over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

### **US HISTORY STANDARD/HONORS 1 credit**

Prerequisite: Grade 11. Investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today while applying what you learn to real-world problems

### **AP US HISTORY 1 credit**

College Level – Prerequisite: Grade 11; strong reading and writing skills. Examine key themes and events of our history, including American identity, diversity, religion, culture, war, and slavery, as well as economic, political, and demographic changes. You will also analyze globalization and environmental issues. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## HIGH SCHOOL COURSE DIRECTORY

### **US GOVERNMENT STANDARD/HONORS .5 credit**

Prerequisite: Grade 12. Explore the principles that inspired the Constitution and Bill of Rights and examine each branch of government, the election process, and how you can impact public policy. You will also discover how the United States interacts with other countries.

### **AP US GOVERNMENT AND POLITICS .5 credit**

College Level – Prerequisite: Grade 12. Research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. You will experience the production of policy building in multiple economic and social settings. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 30, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

### **ECONOMICS WITH FINANCIAL LITERACY STANDARD/HONORS .5 credit**

Prerequisite: Grade 12. Become a more informed consumer, producer, investor, and taxpayer and learn how your choices directly affect your future.

### **ECONOMICS STANDARD/HONORS .5 credit**

Economic decisions affect us every day of our lives. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. In this course, you will recognize examples of economics in your daily life. You will see how the economic choices of larger groups, like businesses and governments, affect you and others. As you progress through the course, you will recognize that the costs and benefits of choices connect individuals and groups around the world. The purpose of this course is to help you become a smart consumer who understands the flow of an economy between individuals, businesses, governments, and the rest of the world.

### **AP MACROECONOMICS .5 credit**

College Level – Prerequisite: Grade 12  
Understand the choices you make as a producer, consumer, investor, and taxpayer. This course provides you with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. To help allow for course completion prior to the AP exams in

May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

### **AP MICROECONOMICS .5 credit**

College Level – Prerequisite: Grade 12. By taking on the role of a leader at a fictitious company, you will learn fundamental economic concepts, including scarcity, opportunity costs and trade-offs, productivity, economic systems and institutions, exchange, money, and interdependence. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

### **High School World Languages**

Students who are interested in being admitted directly into a four-year university and applying for the Bright Futures scholarship must take two years of the same language. Students should verify language requirements of the college to which they are applying.

### **SPANISH I 1 credit**

Prerequisite: None. This high school level course and is available for all students starting in the 8th grade. Learn basic Spanish grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, listening, and speaking exercises.

### **SPANISH II 1 credit**

Prerequisite: Spanish I. Strengthen your Spanish listening, speaking, reading, and writing skills while experiencing the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

### **SPANISH III HONORS 1 credit**

Prerequisite: Spanish II. This course is designed for students to master and build upon the skills acquired in Spanish II. Students will participate in progressively more challenging conversations and communicate successfully in basic survival situations.



# HIGH SCHOOL COURSE DIRECTORY

## **SPANISH IV HONORS 1 credit**

Prerequisite: Spanish III. Command the Spanish language by embarking on an immersive journey through rich traditions and superstitions. You will expand your language skills, gain new vocabulary, and better understand your role as a global citizen.

## **SPANISH FOR SPANISH SPEAKERS I 1 credit**

Prerequisite: Students must be able to speak and understand the Spanish language. Designed especially for students whose primary language is Spanish, the course will help you enhance proficiency in your native language. Advance your listening, speaking, reading, and writing skills, and gain a thorough understanding of Spanish grammar fundamentals. Spanish is used exclusively in this course.

## **AP SPANISH LANGUAGE 1 credit**

Prerequisite - Spanish 3 Honors. The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

## **FRENCH I 1 credit**

Prerequisite: None. Learn basic French grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, and listening and speaking exercises.

## **FRENCH II 1 credit**

Prerequisite: French I. Strengthen your French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

## **FRENCH III HONORS 1 credit**

Prerequisite: French II. This course is designed for students to master and build upon the skills in French II. Students will participate in progressively more challenging conversations and strive to communicate successfully in basic survival situations.

## **AP FRENCH LANGUAGE 1 credit**

Prerequisite: French 3 Honors. The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This

includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

## **AMERICAN SIGN LANGUAGE 1 1 credit**

Prerequisite: None. American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities. May not count as a foreign language to out of state or private colleges and universities.

## **AMERICAN SIGN LANGUAGE 2 1 credit**

Prerequisite: ASL 1. American Sign Language 2 reinforces the fundamental skills acquired by the students in American Sign Language 1. The course develops increased receptive and expressive skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1 while communication remains the primary objective. The cultural survey of the target language is continued. May not count as a foreign language to out of state or private colleges and universities.

**AMERICAN SIGN LANGUAGE 3 HONORS 1 credit.** Prerequisites: ASL 2. American Sign Language 3 provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language. May not count as a foreign language to out of state or private colleges and universities.

## **AMERICAN SIGN LANGUAGE 4 HONORS 1 credit**

Prerequisites: ASL 3. American Sign Language 4 expands the skills acquired by the students in American Sign Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes. Media selections are varied and taken from authentic target language literary works. May not count as a foreign language to out of state or private colleges and universities.

# HIGH SCHOOL COURSE DIRECTORY

## High School Physical Education

Personal Fitness AND a PE elective are required for graduation.

### **PERSONAL FITNESS (eCampus) .5 credit**

*Required.* Get started on your path to lifelong fitness by setting goals and working toward them. Along the way, you'll perform daily physical activity, design a fitness plan, and keep track of your progress using an interactive wellness plan.

### **FITNESS LIFESTYLE DESIGN (eCampus) .5 credit**

*Required, or other PE elective.* Discover habits of body and mind that will lead to a healthier lifestyle. You will measure your current fitness level and nutrition knowledge and create a plan for achieving your individual goals.

## High School Electives

### **PHILOSOPHY .5 credit**

This course pertains to the study of the fundamental questions pertinent to all areas of human activity and inquiries, including: an introduction to classical and modern philosophies, fundamental principles of philosophical thought such as semantics, logic, inductive and deductive reasoning, and social, political, and religious philosophies.

### **SOCIAL MEDIA .5 credit**

Explore your individual contribution and influential powers by identifying your digital imprint. In this course, you will examine the world through social media, where citizen journalism is the news, personal audiences are your critics and your supporters, and personal connection is subjective.

### **LAW STUDIES .5 credit**

What are your rights as an American citizen? In this course, you will investigate aspects of family and consumer law, and learn how the state and federal court systems work. Gain an understanding of the judicial system and examine key differences between civil and criminal law.

### **CRIMINAL JUSTICE OPERATIONS 1 1 credit**

Explore the fields of law enforcement, the court system, and the correctional system. You will acquire technical skill proficiency, industry knowledge, higher-order reasoning and problem-solving skills, gen-

eral employability skills, and occupation-specific skills needed in all aspects of law, public safety, and security careers. (not offered in summer sessions)

### **PSYCHOLOGY 1 .5 credit**

Where do thoughts and memories come from? What are emotions? And why do we behave the way we do? In Psychology I, you will begin to understand the human mind by exploring the research and theories of some of the most brilliant psychologists throughout history. In addition, learn psychological tips that you can use every day, like how to cope and reduce stress.

### **PSYCHOLOGY 2 .5 credit**

Prerequisite Psych 1 & Grades 10-12. This course is a general overview on understanding human thought, behavior and behavioral interaction. Content will include the theories and methods of study used by psychologists. Topics will also include the following: human growth and development, motivation and emotion, intelligence, conditioning and learning, memory, personality and behavior, abnormal behavior, conformity, autonomy, alienation, stress, mental health and therapy.

### **CAREER RESEARCH & DECISION MAKING .5 credit**

Do you ever wonder what you will do after high school? This course will show you the educational and career opportunities available to you. Draw your roadmap for life beyond high school. This course will show you how to prepare for, get accepted to, and pay for college. You will explore different career and education pathways, study interview techniques and networking tips, create smart resumes, and learn how to plan for a successful future. Throughout the course you will be coached by Mawi Asgedom, a Harvard graduate and a student leadership expert who has trained more than 1 million students. Along the way, he was featured on Oprah, NPR, and in the Chicago Tribune and Essence magazine. Mawi's courses inspire students to capitalize on their potential by applying research-based strategies to instill powerful mindsets, encourage action, foster relationships, and build critical skills. Opportunity is knocking, are you ready?

# HIGH SCHOOL COURSE DIRECTORY

## **CRITICAL THINKING AND STUDY SKILLS .5 credit**

Increase your success in high school and beyond by learning proven study techniques and test taking skills. This half-credit course teaches the ACE test-taking method to increase scores on key tests such as the ACT, SAT, and tests for graduation.

## **PERSONAL AND FAMILY FINANCE/PERSONAL FINANCIAL LITERACY .5 credit**

Why do we pay taxes? How do credit cards work? Learn proper money management skills and how to achieve financial success in this one-semester course. Find out how to avoid common financial mistakes, how to invest in your future, and how to manage your personal and family finances effectively.

## **PERSONAL FINANCIAL LITERACY STANDARD/HONORS .5 credit**

Prerequisite: Algebra 1

Learn one of life's most important lessons how to make sound financial decisions. In this course, you will learn financial decision-making skills using real-life scenarios. This course will teach the skills and knowledge you need to become a wise consumer, saver, investor, user of credit, and money manager. Use your financial literacy skills to excel in today's global workforce and society.

## **LIFE MANAGEMENT SKILLS .5 credit**

This is NOT a PE credit. Learn how to deal with real issues that impact your everyday life, such as nutrition, substance abuse, stress, and health. This course provides you with the facts you need to make important and informed decisions.

## **PARENTING SKILLS .5 credit**

Parenting involves more than having a child and providing food and shelter. Take this one-semester course to explore parenting roles and responsibilities, nurturing and protective environments for children, positive parenting strategies, and effective communication in parent/child relationships.

## **PEER COUNSELING I .5 credit**

Gain the skills to help you succeed in all areas of your life. You will learn how to take action, set goals, manage your time, and help your peers.

## **PEER COUNSELING II .5 credit**

Prerequisite: None. Increase your confidence and build your social skills as you learn how to conquer peer pressure, social anxiety, and the unnecessary risks

that can derail your future. In this class you'll discover how your "super-charged" teen brain really works, so you can make better decisions and achieve more. As you journey through this course you are inspired and coached by Mawi Asgedom, a Harvard graduate and leadership expert who has trained over one million students.

## **DRIVERS EDUCATION/TRAFFIC SAFETY .5 credit**

*Must be 14.5 years old to enroll.* Develop safe driving skills by studying the Highway Transportation System, road signs, rules of the road, and how to make good choices behind the wheel. This course covers the Florida Department of Highway Safety and Motor Vehicles required completion of the Traffic Law and Substance Abuse Education (TLSAE). Upon completion, receive a TLSAE certificate, a necessary step toward getting your learner's permit. To take this class with a Pass/Fail grade, notify the teacher at the start of the class.

## **WORLD RELIGIONS .5 credit**

World Religions will explore the various characteristics of faith and introduce the fundamentals of the major religions, including Judaism, Islam, Christianity, Buddhism, Confucianism, Hinduism, Shintoism, and Taoism. You'll trace how these powerful faiths have influenced cultures over thousands of years and helped to shape the face of humanity. After this course, you'll have a clearer understanding of how religion continues to affect the larger world.

# HIGH SCHOOL COURSE DIRECTORY

## **SOCIOLOGY .5 credit**

Sociology explores culture, group behavior, and societal institutions and how they affect human behavior. You'll learn how social beliefs form and how this shapes our lives.

## **HOLOCAUST .5 credit**

History of the Holocaust will take you through the harrowing details of anti-Semitism, the power of the Nazi party, the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II. You'll explore the causes of the Holocaust, the experiences of Jews and other individuals during this time, and what has been done to combat genocide since WWII.

## **ANTHROPOLOGY .5 credit**

The aim of anthropology is to use a broad approach to gain an understanding of our past, present, future and address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the world will also be presented in the course.

## **READING FOR COLLEGE SUCCESS .5 credit**

For students in grades 11 or 12 who do not have a college ready score in reading. This course will provide you with the necessary tools to become successful in both academics and in the workplace. Reading is a vital skill needed to effectively take notes, summarize the main idea, and separate fact from opinion. This course empowers you to achieve your goals in higher education and in the career of your choice. This course is designed for 11th and 12th graders needing to pass the CPT or PERT college entrance exams and whose college placement scores are below the established cut score indicating that they are not "college-ready" in Reading (CPT, below 83; SAT, below 440; ACT, below 18). This course is NOT intended for FCAT preparation or students in grades 6-10.

## **DIGITAL INFORMATION TECHNOLOGY 1 credit**

This is a practical arts credit. Develop foundational skills needed for exciting careers like game development, military defense, and software engineering while learning about your strengths and how they relate to different careers in the IT field! You will explore Web design, operating systems, programming languages, and much more in this course. A prerequisite course for many of our exciting career and technical education programs.

## **FOUNDATIONS OF PROGRAMMING HONORS**

**1 credit.** Prerequisite: DIT. *Not a practical arts credit.* Learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You'll also explore the vast programming career opportunities available in this high-demand field.

## **PROCEDURAL PROGRAMMING HONORS 1 credit**

Prerequisites: DIT and Foundations of Programming. *Not a practical arts credit.* This course teaches advanced programming concepts using the computer language Python. You will learn techniques and processes associated with computer programming and software development.

## **AP COMPUTER SCIENCE A 1 credit**

College Level. Prerequisite: Algebra 2. Elective credit. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing.

## **JOURNALISM I 1 credit**

Practical arts credit. Explore a career in journalism and learn how to write a news story, a feature story, and an editorial. Throughout this course, you learn best practices for conducting research and interviews, analyzing the reliability of sources, and self-editing.

## **CREATIVE PHOTOGRAPHY I 1 credit**

*Digital Camera Required.* Performing Arts Credit. Develop your photography knowledge, including the basics of lighting, shutter speed, and composition. Gain an understanding of professional photography, learn what creates an eye-catching photo, and build a portfolio of images. You must have access to a digital camera (cell phone cameras do not meet the requirement) to take this course



# HIGH SCHOOL COURSE DIRECTORY

## **GUITAR 1 1 credit**

Performing Arts credit. This introduction to the basics of music and guitar includes music notation and musical styles. You will learn practice skills, play the guitar, and perform for your instructor throughout the course. No prior music experience necessary.

**REQUIRED:** Access to a six-string acoustic guitar, or an electric guitar (with amplifier or iRig type device) A way to record and submit video performance to your instructor

## **MUSIC OF THE WORLD 1 credit**

Performing Arts credit. Take your knowledge of music to the next level. Learn about the impact of music and how it represents different cultures while “meeting” musicians and composers and discussing their works. Gain a historical perspective of music and experience a variety of musical styles, from the Middle Ages through the 21st century.

## **THEATER, CINEMA, & FILM PRODUCTIONS 1 credit**

Performing Arts credit. Explore the elements of theater and cinematic techniques used by those who create performance productions. As you progress through the course you will view the historical development of different genres and the reasons why they were used. You will also be exposed to a detailed view of film and theater backstage operations and asked to speculate on why a director chooses certain perspectives.

## **LEADERSHIP SKILLS DEVELOPMENT 1 credit**

Succeed in high school, college, and beyond by taking your future into your own hands. In this two-semester course, you will learn how to take action, manage your time, chart your goals, and many other leadership techniques.

## **ART HISTORY AND CRITICISM HONORS 1 credit**

Critique and compare significant works of art and architecture from Prehistory through the 16th century. You will analyze art history and criticism methodologies, explore media and techniques used by artists from various cultures and time periods, and learn appropriate terminology for discussing artwork from around the world. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit

course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## **AP ART HISTORY 1 credit**

College level, Performing Arts credit. Prerequisites: English II Honors and World History. Within AP Art History, students will explore the interconnections between art, culture, and historical context through the critical lenses of artistic expression, cultural awareness, and purpose. This course meets a performing/fine arts requirement for high school graduation. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

## **ART IN WORLD CULTURES .5 credit**

Performing Arts credit. This course explores basic principles and elements of art and teaches you how to critique different art works. And along the way, you will get to discover some traditional art forms from various regions of the world including the Americas, Africa, and Oceania.

## **AP PSYCHOLOGY 1 credit**

College level. Prerequisite: C or higher in English II and Biology. Immerse yourself in modern psychological techniques investigating the ethics and morality of human and animal research. In this college-level course, you will learn the psychological facts, principles, and phenomena associated with each major area of psychology and enhance your scientific critical thinking skills. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

**AP HUMAN GEOGRAPHY 1 credit**

College level. Prerequisite: strong reading and writing skills. Explore the patterns and processes that impact the way humans understand, use, and change Earth's surface. Geographic models, methods, and tools help you examine the effect that human social organization and interconnections have on our world. To help allow for course completion prior to the AP exams in May, full-credit course registration closes September 29, and half-credit course registration closes January 31. These dates do not apply to students retaking an AP class for grade forgiveness.

**EARLY CHILDHOOD EDUCATION I 1 credit**

Prerequisite: None. This introductory course is for the student who enjoys working with young children in order to advance their child care skills, to plan for employment in child care centers, and to develop a better understanding of child development leading to a future in teaching and other child oriented professions. Students will acquire competencies in state rules and regulations; clean, safe and healthy learning environments; foodservice and nutrition education; child abuse and neglect; principles of child development; developmentally appropriate practices including methods of guidance; professionalism; communication; leadership and organizational skills; community resources; career opportunities; observation and recording methods.

**INTENSIVE READING 1 credit**

Only Thru Placement By Administration/Guidance

**INTENSIVE MATH 1 credit**

Only Thru Placement By Administration/Guidance

