Winter Springs High School Mission Statement

Through the individual commitment of all, our students will graduate with the values, skills, knowledge, and attitudes necessary to be productive citizens.
Dear Winter Springs Students and Parents,

Selecting your courses is one of the most critical decisions you make each year in high school. Why? Because choosing the appropriate level of coursework, a level that challenges you but does not overwhelm you, can offer the best possible preparation and the best chance for success. Additionally, choosing electives that are interesting to you can open new doors and potentially put you on a path for a future career. As you are considering your courses next year, talk to your teachers, your parents, other students, and be strategic about your registration. It could make a big difference in your future!

Mickey Reynolds, Ed.D.
Principal, Winter Springs High School

ADMINISTRATIVE/GUIDANCE STAFF

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Jaime Washington, Asst Principal ......................................................... 320-8704
Jordan Rodriguez, Asst Principal .......................................................... 320-8707
Kristi Draus, Asst. Principal ................................................................. 320-8897
Octavius Clark, Dean ......................................................................... 320-8796
Matt Hesselbart, Dean ........................................................................ 320-8848
Angel Collins, Dean ............................................................................ 320-8722
Lori Bowman, Instructional Coach ....................................................... 320-8726
Kim York, Exec Secretary ..................................................................... 320-8701
Karman Sims, Student Services Director: McA – Pim, Access Diploma ..................................................... 320-8899
Jozett Spence, Certified School Counselor: A – COL .............................. 320-8895
Marsha McByrde, Certified School Counselor: COM -GUZ ..................... 320-8901
McKenzie Kaplan, Certified School Counselor: PIN– STO ....................... 320-8903
Cynthia Urena, Certified School Counselor: STR – Z, ESOL .................... 320-8906
Andrea Hormuth, Certified School Counselor: H - MAY ......................... 320-8999

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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

Notice to Students and Parents Regarding Course Donations

In an effort to provide educational enhancements to students beyond the curriculum routinely offered, donations in certain courses historically have been collected in Seminole County Public Schools on a voluntary contribution basis. Every encouragement is given to students and parents to assist Winter Springs High School in continuing the practice of course embellishment that these fees make possible. While such assistance is a practical requirement to maintain current practices, no student shall be denied the opportunity either to take any course or to participate fully in all aspects of a course in which donations are sought. Thank you for your understanding and for your commitment to excellence. JROTC, Band, Chorus, Dance, Flag Corps - Because of the numerous competitions and performance events, these are considered to be extracurricular activities in which fees may be required for items such as uniforms, dry cleaning, workshops and clinics, etc. Additionally, student enrollment in specific courses may be required for participation in these activities.

Technology Use in Learning, Motivation and Recognition

Seminole County Public Schools believe technology is a valuable educational tool. All classroom teachers use technology as an instructional tool. Some examples of such activities are:

- Use of the Internet to access encyclopedias, magazines, the district’s media/library catalog, web sites for educational projects, on-line district and state classes and to conduct research in preparation for a project or presentation.
- Students are photographed or videotaped for the purposes of daily school news broadcasts and yearbooks. Photographs or videos of students are also placed on school/district web pages as a form of recognition for special achievements, activities, projects, and as motivation to be creative.
- Student works are published on the Web (Internet) to share stories, poems, and other creative works with other students and the school community and to provide motivation for writing.

If you wish to have your student excluded from any of the preceding activities, exclusion (opt-out) forms are available on the district website.

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.
Schedule Change Procedure

Schedule changes are permitted during the first 5 days of each semester for the following reasons:

- Change of academic level (ex. Honors to standard)
- Credit already earned in the class
- Less than 7 credits on schedule
- Prerequisite not met

Reasons for which schedules will not be changed:

- You have changed your mind about a class
- You want a class to be a different period
- You want a different teacher
- You want a different lunch period

Secondary Grading System

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Percentage Range</th>
<th>Quality Points</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>4</td>
<td>Outstanding Progress</td>
</tr>
<tr>
<td>B</td>
<td>80-89</td>
<td>3</td>
<td>Above Average Progress</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
<td>2</td>
<td>Average Progress</td>
</tr>
<tr>
<td>D</td>
<td>60-69</td>
<td>1</td>
<td>Lowest Acceptable Progress</td>
</tr>
<tr>
<td>F</td>
<td>0-59</td>
<td>0</td>
<td>Failure</td>
</tr>
<tr>
<td>I</td>
<td></td>
<td></td>
<td>Incomplete – an I becomes an F at the end of the next semester</td>
</tr>
<tr>
<td>P</td>
<td>No points</td>
<td>Passing</td>
<td></td>
</tr>
<tr>
<td>NG</td>
<td>No mark</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 beyond 8th grade
- **11th grade student**: Having earned 12 credits beyond the 8th grade
- **12th grade student**: Having earned 19 credits beyond the 8th grade

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.

SUMMER SCHOOL DATES 2016

- **Session 1**: June 2 – Jun 20
- **Session 2**: June 21 – June 30 and July 11 – July 14
- **Summer Graduation**: July 21
In the spring of 2013 the Florida Legislature created new diploma options for the students of Florida. In doing so, they have offered students more choice as well as an opportunity to align their education to their future college and career plans. In Seminole County we refer to these new choices as Diploma Pathways. We call them Pathways because we believe that students should use their time in high school to embark on their own personal Pathway to success. Students may now choose a Pathway that will result in a standard high school diploma, a high school diploma connected with industry certification, or a diploma designed to rigorously prepare them for the university setting. In the chart below you will find the Diploma Pathways and the corresponding expectations associated with each one. In addition to those offered by the state of Florida, Seminole County also offers the Scholars with Distinction Pathway. This very rigorous Pathway will challenge even the most talented and dedicated students to an even higher level of academic accomplishment.

Seminole County will start each and every student on the Scholars Pathway. We want to ensure that students are setting their academic goals high as they begin high school. Through performance and self-selection, students and their families may opt to change Pathways as they progress through high school. Our goal is to have all students qualify to earn a Scholars Pathway diploma. In the end, whether it is a Standard Pathway diploma, a Merit Designation Pathway (Industry Certification) diploma, a Scholars Pathway diploma, or a Scholars’ with Distinction Pathway diploma, we want every student in Seminole County to exit our school system as a graduate. Your administrators and guidance counselors are available to provide further guidance on what each of the Pathways requires.

### DIPLOMA PATHWAY REQUIREMENTS CLASS OF 2017-2020

<table>
<thead>
<tr>
<th>Pathway</th>
<th>CR</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD DIPLOMA PATHWAY</strong></td>
<td>4</td>
<td>English Credits (English 1 – English 4) or equivalent accelerated course.</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Math Credits Grades (9-12) (must include Algebra 1 &amp; Geometry).</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Science Credits (must include Biology and (3) courses must contain a lab component).</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Social Studies (must include US History, World History, 0.5 US Government &amp; 0.5 Economics with Financial</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Literacy).</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Fine or Performing Arts, Speech &amp; Debate or Practical Art.</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>.5 - Personal Fitness and .5- PE.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Elective Credits (must include (1) online course).</td>
</tr>
<tr>
<td><strong>TESTING REQUIREMENTS</strong></td>
<td></td>
<td>Passing Score on: Grade 10 ELA &amp; Algebra 1 EOC.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EOC’s in Algebra 1*, Geometry*, Algebra 2 (if enrolled)*, Biology &amp; US History will count as 30% of the student’s overall grade</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Special Note: Thirty percent not applicable if enrolled in the 2014-15 school year</td>
</tr>
<tr>
<td><strong>SCHOLARS DIPLOMA PATHWAY</strong></td>
<td></td>
<td><strong>REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Earn (1) credit in Algebra 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Earn (1) credit in Statistics or equally rigorous mathematics course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Earn (1) credit in Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Earn (1) credit in science course equally rigorous to Chemistry or Physics</td>
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<tr>
<td></td>
<td></td>
<td>*Earn (2) credits in the same foreign language course</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Earn (1) credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, Dual Enrollment Course.</td>
</tr>
<tr>
<td><strong>TESTING REQUIREMENTS</strong></td>
<td></td>
<td>Class of 2016 and 2017: Passing score on Grade 10 ELA, Algebra 1 EOC, Biology EOC, and US History EOC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Class of 2018 and 2019: Passing score on Grade 10 ELA, Algebra 1 EOC, Biology EOC, US History EOC, Geometry EOC, Algebra 2 EOC</td>
</tr>
<tr>
<td><strong>MERIT DIPLOMA PATHWAY</strong></td>
<td></td>
<td><strong>REQUIREMENTS OF STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>*Attain one or more Industry Certifications from the list established under S. 1003.492 F. S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>*<em><strong>Industry Certification Courses which lead to college credit may be substituted for up to two math credits and/or one science credit excluding Algebra 1, Geometry and Biology</strong></em></td>
</tr>
<tr>
<td><strong>TEST REQUIREMENTS</strong></td>
<td></td>
<td>SAME AS THE STANDARD DIPLOMA</td>
</tr>
<tr>
<td><strong>SCHOLARS WITH DISTINCTION DIPLOMA PATHWAY</strong></td>
<td></td>
<td><strong>REQUIREMENTS OF A SCHOLARS DESIGNATION PATHWAY PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Cumulative Weighted Grade Point Average of 3.75 or higher</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• (3) Consecutive years in the same World Language</td>
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<tr>
<td></td>
<td></td>
<td>• (6) credits in AP or IB classes earning a grade of A or B or (4) AP or IB and (2) Dual Enrollment Credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• (1) credit in Experimental Research or equivalent with a grade of A or B or (1) Extended Essay, Senior Portfolio or 4th year of World Language or (1) extra AP, IB or Dual Enrollment Credit.</td>
</tr>
<tr>
<td><strong>TEST REQUIREMENTS</strong></td>
<td></td>
<td>SAME AS THE SCHOLARS DESIGNATION PATHWAY</td>
</tr>
</tbody>
</table>
The Office of Student Financial Assistance (OFSA) 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 December 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.htm](http://www.floridastudentfinancialaid.org/SSFAD/home/uamain.htm).
Award amounts for the 2016-2017 academic year will be available on the Bright Futures website in summer 2016, after the legislative session. [www.floridastudentfinancialaid.org/SSFAD/bf/awardamt.htm](http://www.floridastudentfinancialaid.org/SSFAD/bf/awardamt.htm).

**NCAA ELIGIBILITY**

The Winter Springs High School Athletic Department supports and encourages student-athletes in their pursuits of athletic participation at the collegiate level. Parents and student-athletes with questions should discuss their aspirations with their head coaches, follow up with the Athletic Department, and inform their school counselors. Additionally, it is important to register online with the NCAA Eligibility Center at [www.eligibilitycenter.org](http://www.eligibilitycenter.org), as this is a critical step to ensure that potential NCAA student-athletes are meeting all of the necessary academic criteria to qualify. Please do not hesitate to seek assistance during this process. Our Athletic Department, coaches, and support staff are here to help guide you through these requirements.

**ACADEMIC DUAL ENROLLMENT**

Seminole State College offers academic college credit to Winter Springs High School students. Juniors and seniors who take academic dual enrollment courses receive both high school and college credits. See your WSHS school counselor for more information.

**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. There is no credit-hour fee charged for these Career Pathways college credits.

Please see the Seminole County Public Schools website for specific programs in each high school. Also contact your School Counselor if you are interested in any of these Dual Enrollment opportunities.
Seminole County Public Schools offers a variety of choice options to empower students to customize their educational pathway in preparation for college and careers. These options include Magnet Schools and Programs, Programs of Emphasis, Career and Technical Education, Virtual School, After School Courses, and School Transfers. 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 choices 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 Choice Magnet School/Program Application. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Choices website at [http://www.seminoleschoolchoices.us](http://www.seminoleschoolchoices.us)

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

**FOR MORE INFORMATION:** Contact the Choices Department 407-320-0329 and view the website at [http://www.seminoleschoolchoices.us](http://www.seminoleschoolchoices.us)

### 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 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 health-care professional. The academic courses are combined with the opportunity to gain the initial “building blocks” of health care 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 health care sites.

INSTITUTE FOR ENGINEERING
Lyman High School

The Institute for Engineering through Project Lead the Way: Pathway to Engineering provides a nationally recognized curriculum that is a highly creative, technology rich, college preparatory program. Students are exposed to a rigorous integrated curriculum infused with relevant industry innovations and technology. This world-class program is designed for the student who would like to pursue a professional career in any area of engineering.

In addition to core engineering courses that provide the foundation, students may take specialization courses that include:
- Aerospace Engineering
- Biotechnical Engineering
- Civil Engineering and Architecture
- Digital Electronics
- Computer Modeling and Simulation

INTERNATIONAL BACCALAUREATE DIPLOMA PROGRAM
Seminole High School
Winter Springs 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, foreign language, 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.
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 on the form.

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 Request Form. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Choices website at http://www.seminoleschoolchoices.us

TRANSPORTATION: Transportation is NOT provided for Program of Emphasis transfers. Students may seek assistance for transportation if it is available through the Ticket to Ride program. Details may be found on the Choices website.

FOR MORE INFORMATION: In-zone students should contact their guidance counselor, out-of-zone students may contact the Choices Department 407-320-0329 and view the website at http://www.seminoleschoolchoices.us

ADVANCED MANUFACTURING & INNOVATION PROGRAM OF EMPHASIS
Lake Mary High School
NEW FOR 2016-17! 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.

BIOSCIENCE TECHNOLOGY PROGRAM OF EMPHASIS
Oviedo High School
The Bioscience Technology Program provides preparation for the career fields of applied biology in industry, medicine, and agriculture. This program includes industry certification.

CULINARY ARTS PROGRAM OF EMPHASIS
Lake Howell High School
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
Lake Howell High School
NEW FOR 2016-17! 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**  
Lake Howell High School  
The Entrepreneurship Program curriculum introduces the broad spectrum of business, industry, and small business initiatives. This program includes opportunities to earn dual enrollment credit.

**FINANCE ACADEMY PROGRAM OF EMPHASIS**  
Lake Brantley High School  
The Finance Academy Program offers a curriculum comprised of finance and business technology including accounting applications and personal financial planning. This program includes industry certification.

**FORENSIC SCIENCE & LEGAL STUDIES PROGRAM OF EMPHASIS**  
Lake Mary High School  
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.

**MODELING, SIMULATION, AND ANALYSIS PROGRAM OF EMPHASIS**  
Hagerty High School  
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.

**RENEWABLE ENERGY PROGRAM OF EMPHASIS**  
Winter Springs High School  
The Renewable Energy Program allows students to study energy technologies and the advantages, disadvantages, and limitations of renewable energy resources for a sustainable future.

**TEACHING, LEARNING, & LEADERSHIP PROGRAM OF EMPHASIS**  
Lyman High School  
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.
STUDENT SCHOOL TRANSFER OPTIONS

Information about student transfer options for the 2016-2017 school year is available on the Seminole County Public Schools Choices website at http://www.seminoleschoolchoices.com

EXITING A MAGNET SCHOOL PROGRAM OR PROGRAM OF EMPHASIS: Any out-of-zone student who exits a high school choice program will return to his/her zoned school unless there is a Seminole County Public Schools approved transfer that allows the student to remain at the school where the choice program is located. In all years of participation in a magnet school/program and Programs of Emphasis, exits are not permitted during the school year.

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 construction, which is offered at Lake Brantley HS, Lake Mary HS, Lyman HS, Seminole HS, and Winter Springs HS. Students must be on track for graduation and have a 2.0 GPA to participate.

WORKPLACE LEARNING

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 136 hours. 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: http://www.scps.k12.fl.us/epathways
Virtual school provides flexible options to meet the demanding schedule of the 21st century student. SCPS operates two virtual schools: Seminole County Virtual School (SCVS) is a franchise of Florida Virtual School, and Seminole Academy of Digital Learning (SADL) features curriculum created or purchased by SCPS. Additionally, SCPS contracts with another Florida school district to provide a full-time instruction option.

Student choices include SCVS full-time, SCVS part-time, SADL part-time, or full-time contracted district franchise.

Part-time options through ePathways allow students to take a mixed schedule of face-to-face and virtual classes. The virtual classes can be taken at home during the school day, at the student’s school during the school day in a virtual lab or outside the school day. Part-time enrollment for SCVS and SADL is available throughout the school year. Additionally, the district may offer virtual course enrollment over the summer (SCVS 365).

Full-time options allow students to earn a regular Florida high school diploma. Full-time enrollment in SCVS for semester 1 will be open from April 4, 2016 through August 5, 2016.

For more information and a list of available courses please visit http://virtualschool.scps.k12.fl.us/ or call 407-871-7287.

Why should students select a Seminole County Virtual School over other virtual providers?
* schedule flexibility
* full-time local teachers
* no waiting list to start classes
* optional face-to-face sessions
* tax-dollars stay in Seminole County

What high school courses are available through Seminole County Virtual School?
Courses with a * are available at both Standard and Honors level; H = honors class

**Math:**
- Algebra I*, Geometry*, Algebra II*, Pre-Calculus (H), Calculus (H), Liberal Arts Math 2, Math for College Readiness, AP Calculus AB, AP Calculus BC, AP Statistics

**Language Arts:**
- English I*, English II*, English III*, English IV*, English IV College Prep, AP English Language, AP English Literature

**Social Studies:**

**Sciences:**

**World Languages:**
- French I & II, Spanish I & II, Spanish for Spanish Speakers I
- French III (H) & Spanish III (H) are also available through SADL.

**Electives:**
- 22 options, including Personal Fitness/Fitness Lifestyle Design, Art, Guitar, AP Art History, and much more! See website for complete list.
Students at any SCPS high school may enroll in an after-school Career & Technical Education (CTE) program offered at their high school or any other high school. This class can be taken as either an 8th period or replace one of the student’s 7 classes during the regular school day. The tentative schedule is Tuesday and Thursday afternoons from 3:30-5:30 pm but subject to change at each school site. Students are responsible for their own transportation.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hosting School</th>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace: Private Pilot Operations</td>
<td>Seminole</td>
<td>ATF1103XS</td>
<td>This course develops the aeronautical knowledge required for certification as a Private Pilot with an Airplane Single Engine Land rating. Topics include: regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics, and decision-making. This is a dual enrollment course with Embry-Riddle University.</td>
</tr>
<tr>
<td>Automotive Collision Repair and Refinishing</td>
<td>Seminole</td>
<td>8709010XSH</td>
<td>The Auto Body Repair and Refinishing program of instruction covers all the safety, planning, preparation and painting elements of motor vehicle repairs, with students often using their own vehicles as their hands-on project. Program completers will be prepared for employment as Automotive Body/Related repairers and Automotive Body Repairers. Students enrolled in auto body classes should anticipate heavy lifting and high noise levels. ASE Certified and I-CAR Curriculum.</td>
</tr>
<tr>
<td>Automotive Maintenance &amp; Light Repair 1</td>
<td>Lyman</td>
<td>9504110XL</td>
<td>This course provides the student 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.</td>
</tr>
<tr>
<td></td>
<td>Oviedo</td>
<td>9504110XO</td>
<td></td>
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<tr>
<td></td>
<td>Seminole</td>
<td>9504110XSH</td>
<td></td>
</tr>
<tr>
<td>Cosmetology: Grooming and Salon Services Core 1 (.5) &amp; Cosmetology 2 (.5)</td>
<td>Lake Brandley</td>
<td>8757210XLB &amp; 8905120XLB</td>
<td>The ideal candidate for the Cosmetology program has a passion for making people feel and look better. Students will practice performing services of the hair, skin, and nails thought this course. Upon completion of this program students will have up to 350 hours towards the state requirement in post-secondary institutions.</td>
</tr>
<tr>
<td></td>
<td>Lake Howell</td>
<td>8757210XLH &amp; 8905120XLH</td>
<td></td>
</tr>
<tr>
<td>Culinary Arts 1</td>
<td>Lake Howell</td>
<td>8800510XHL</td>
<td>This course is designed for the student who enjoys hands-on experiences with food and wants to learn about the food service industry. Students are exposed to commercial kitchen equipment and procedures and learn the basics of safety and sanitation, recipe execution, measurement conversion and cost control.</td>
</tr>
<tr>
<td></td>
<td>Winter Springs</td>
<td>8800510XWS</td>
<td></td>
</tr>
<tr>
<td>Drafting/Illustrative Design Technology 1</td>
<td>Lake Mary</td>
<td>8600810XLM</td>
<td>This course is designed with emphasis on mechanical drafting. The first three quarters are spent on mechanical drafting and the last quarter is an introduction to architectural drafting. The course includes an introduction to computers and computer aided design (CAD) with work and drawings completed on the CAD systems. Emphasis is placed on neatness and accuracy; a basic understanding of fractions and basic math is essential.</td>
</tr>
<tr>
<td>Interior Design Services Core</td>
<td>Lake Brantley</td>
<td>8506405XLB</td>
<td>This course includes essential skills, elements, and principles for working in design services, leadership and organizational skills, textile characteristics and care, employability skills, relationship of human factors to design services, and safe use of tools and equipment. A preview of technical design, rendering techniques and introduction to computer aided design (CAD) using Chief Architect will benefit students interested in any type of design career.</td>
</tr>
<tr>
<td></td>
<td>Oviedo</td>
<td>8506405XO</td>
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<tr>
<td>Curriculum Area</td>
<td>Grade 9</td>
<td>Grade 10</td>
<td>Grade 11</td>
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<tr>
<td><strong>Language A</strong></td>
<td>Pre-DP English I 1001800</td>
<td>AP English Lang</td>
<td>IB English 4 Lit HL</td>
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<tr>
<td><strong>Language B</strong></td>
<td>Pre-DP Span I 0708800 or Spanish 2 0708810</td>
<td>Pre-DP Span 2 or 3</td>
<td>IB Spanish 3 or 5 SL</td>
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<td>OR</td>
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<td></td>
<td>Pre-DP Latin I 0706800</td>
<td>Pre-DP Latin 2</td>
<td>Classical Languages SL/HL</td>
</tr>
<tr>
<td><strong>Individuals &amp; Societies</strong></td>
<td>Pre-DP World Hist 2109810</td>
<td>AP World History</td>
<td>History of the Americas HL</td>
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<td></td>
<td>AP Human Geo 21034000M</td>
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<tr>
<td><strong>Experimental Sciences</strong></td>
<td>Pre-DP AP Biology 200034000M</td>
<td>Pre-DP Physical Science (Chemistry and Physics)**</td>
<td>IB Chemistry HL</td>
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<tr>
<td></td>
<td>Pre-DP Biology 20003200M</td>
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<tr>
<td></td>
<td>Pre-DP Chemistry (only if biology credit from 8th) 20033500M</td>
<td>Pre-DP Physics**</td>
<td>IB Chemistry SL</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>Algebra I &amp; Geometry Honors*</td>
<td>Algebra 2 Honors</td>
<td>IB Math Studies SL</td>
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<tr>
<td></td>
<td>Geometry Honors* 12063200M</td>
<td>Algebra 2 Honors</td>
<td>IB Mathematics SL</td>
</tr>
<tr>
<td></td>
<td>Algebra 2 Honors 120034000M</td>
<td>Pre-DP Pre-Calculus</td>
<td>IB Mathematics HL</td>
</tr>
<tr>
<td></td>
<td>Pre-DP PreCalculus 1202375</td>
<td>AP Statistics or AP Comp ScienceA</td>
<td></td>
</tr>
<tr>
<td><strong>IB Sixth Subject</strong></td>
<td>Elective</td>
<td>Elective</td>
<td>IB Psychology 1 HL</td>
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<td></td>
<td></td>
<td></td>
<td>IB Psychology 2 SL</td>
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<td>IB Theater</td>
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<td>IB Music</td>
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<td></td>
<td></td>
<td></td>
<td>Second IB Science</td>
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<tr>
<td><strong>Theory of Knowledge</strong></td>
<td></td>
<td>Theory of Knowledge (+ CAS)</td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>Elective</td>
<td>Elective</td>
<td>Elective (if schedule allows)</td>
</tr>
</tbody>
</table>

To fulfill the State of Florida requirements for the IB Diploma, students must complete all internal and external assessments, including an Extended Essay and CAS (Creativity, Action, Service) activities. Students must also meet state proficiency on FSA and End of Course exam requirements.

*All IB students must complete Geometry Honors by the start of their 10th grade year. Students wishing to participate in IB Mathematics HL should complete Algebra 2 Honors by the start of their 10th grade year. To accomplish either of the above scenarios, 9th grade students may need to utilize one of their elective periods in order to complete two math courses. Virtual school is also an option. **Students can choose any of the five DP Experimental Science options after their 10th grade year. All DP Science options are 2-year courses.
Advanced Placement/Dual Enrollment

Dual Enrollment
Dual enrollment courses must be creditable to high school graduation. Students should see their School Counselor for dual enrollment course recommendations and approval. The principal reserves the right to final approval for all dual enrollment courses. The following two courses are Dual Enrollment courses offered on WSHS campus.

DIG 2000 - Dual Enrollment - Introduction to Digital Media
Prerequisite: 11th or 12th grade with 3.5 GPA or Career Technology teacher approval
1 Elective Credit Grades: 11-12
Student will receive 3 college credits as well as high school credit. This course is taken at WSHS and counts like an AP class for GPA. This course explores the avenues of contemporary digital design, highlighting the importance of process, innovation and communication. Students will become familiar with design projects, ranging from traditional print, sophisticated Web sites, interactive digital media and motion graphics. The course will focus on developing and refining the design concept and the execution strategy (Photoshop, InDesign, & Illustrator CS6 software). Industrial Certificate in Adobe Photoshop, InDesign, & Illustrator can be accomplished at the end of this class.

GRA 2201 - Dual Enrollment – Bitmap Graphics
Prerequisite: 11th or 12th grade with 3.5 GPA or Career Technology teacher approval
1 Elective Credit Grades: 11-12
Student will receive 3 college credits as well as high school credit. This course is taken at WSHS and counts like an AP class for GPA. This course is an introduction to Photoshop software which provides an extensive variety of electronic tools for manipulating photographs and creating illustrations. The course is designed for the graphics individual who wishes to integrate photography with page layouts. Students will learn the basics of scanning, retouching, color correcting, proofing and output to printer devices. Industrial Certificate in Adobe Photoshop can be accomplished at the end of this class.

Advanced Placement Courses are designed for students who wish to pursue college level work while still in high school. Based on the results of the Advanced Placement exams administered in May, college credit may be awarded by participating colleges and universities. College admission officers highly recommend participation in Advanced Placement courses. According to College Board, the organization that provides the AP program, “students who participate in AP are ultimately given the responsibility to reason, analyze, and understand for themselves. Such intellectual training inevitably helps them succeed in college, where these skills are essential.” Several of the Advanced Placement courses offered at Winter Springs High School require summer reading. It is recommended that students check with the instructor or visit the school website before making their course decisions.

AP Capstone
The AP Capstone™ program has been developed by College Board at the request of college and university admissions officers and faculty. AP Capstone™ provides the opportunity for students to develop critical thinking, research, and communication skills.

Students in the program will complete two AP courses: AP Seminar and AP Research. These two courses are uniquely aligned with core habits of mind, practices and skills that research has identified as critical to college and career success. Upon successful completion of both AP Capstone™ courses, four additional AP courses, and a level 3 or higher on the respective AP exams, students will receive the AP Capstone Diploma™.

1700500 - AP Seminar
1 credit Grades: 10-11
This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students are assessed through two through-course performance tasks and a written exam.
1700510  AP RESEARCH
Prerequisite: AP Seminar
1 credit   Grades:  11-12
This is the second course in the AP Capstone experience and allows students to design, plan and conduct a yearlong research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students are assessed through culminating performance tasks.

LANGUAGE ARTS

1001420  ADVANCED PLACEMENT ENGLISH LANGUAGE
Prerequisite: English II Honors
1 English Credit   Grades:  11-12
The purpose of this course is to provide students with an understanding of the semantic, structural and rhetorical resources of the English language. The course is designed to develop flexible writers who are able to write in various modes for a variety of purposes. This course focuses on the study of rhetoric and persuasion and will develop flexible writers who can write in various modes for a variety of purposes. Though fiction is utilized, there is an emphasis on non-fiction texts including essays, articles, and visuals. This course is structured to help students meet college level expectations in reading, writing, and discussion; therefore, hard work and effort are required.

1001430  ADVANCED PLACEMENT ENGLISH LITERATURE
Prerequisite: AP English Language
1 English Credit   Grade:  12
Students study and discuss great works of literature from various genres and periods. Frequent reading and writing assignments focus on the critical analysis of literature and are designed to develop the students’ understanding of style, subject, and audience. Students study and discuss great works of literature from various genres and periods. Frequent reading and writing assignments focus on the critical analysis of literature and develop students’ abilities to think analytically while expressing ideas clearly.

WORLD LANGUAGES

0701380  ADVANCED PLACEMENT FRENCH LANGUAGE AND CULTURE
Prerequisite: French III
1 Elective Credit   Grades:  10-12
This course will prepare students for the French Language Advanced Placement Examination which challenges students to attain high levels of proficiency in speaking, listening, reading and writing. The use of authentic materials helps to increase accuracy and fluency.

0708400  ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE
Prerequisite: Spanish III
1 Elective Credit   Grades:  10-12
This course is taught exclusively in Spanish. In this course, students will develop a strong command of Spanish across the three modes of communication: interpretive, interpersonal and presentational. Students learn through a variety of media: journalistic and literary works, podcasts, interviews, movies, charts, and graphs with rich vocabulary and linguistic structures. Students will broaden their knowledge of the various cultures that comprise the Spanish-speaking world.

0708410  ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE
Prerequisite: AP Spanish Language
1 Elective Credit   Grades:  11-12
This course introduces students to the formal study of a representative body of thirty-eight texts from Peninsular, Latin American, and US Hispanic literature. A key objective of the course is to relate the content of the texts to literary, historical, sociocultural, and geopolitical contexts in Spanish. The methods in literary analysis, attention to linguistic detail, and critical interpretation will translate to success in college and also in future professional careers.

0706375  ADVANCED PLACEMENT LATIN
Prerequisite: Latin III
1 Elective Credit   Grades:  11-12
This course will prepare students for the AP Latin exam which will assess student ability to read, understand, translate, and analyze Latin poetry and prose. The exam will focus not only on translating the required Latin readings but also on reading and comprehending new passages at sight. Additionally, students will be expected to describe and analyze Latin grammar, syntax, and style, and to connect the texts that they read with the people, practices, and events that shaped the ancient Roman world.
MATHEMATICS

1202310  ADVANCED PLACEMENT CALCULUS AB
1202320  ADVANCED PLACEMENT CALCULUS BC
Prerequisite: Pre-Calculus, teacher recommendation
1 Math Credit each   Grades: 11-12
AP Calculus AB and BC are designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. These courses are intended for students who have a thorough knowledge of college preparatory mathematics and elementary (algebraic, trigonometric, exponential, and logarithmic) functions. AB (Calculus 1) topics include limits and continuity, derivatives and integrals, and their applications. BC (Calculus 1 and 2) includes all AB topics with additional topics in sequences and series, polars, parametrics, and vectors. Based on the results of the AP exam, college credit may be awarded by participating colleges and universities. A graphing calculator is required.

1210320  ADVANCED PLACEMENT STATISTICS
Prerequisite: Algebra II
1 Math Credit   Grades: 11-12
The purpose of this AP course in Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four broad conceptual themes are exploring data, planning a study, anticipating patterns in advance (simulation) and statistical inference. This course is taught utilizing graphing calculators.

0200320  ADVANCED PLACEMENT COMPUTER SCIENCE A
Prerequisite: Algebra II Honors
1 Elective Credit   Grades: 11-12
This course emphasizes programming methodology and procedural abstraction. The class includes the study of algorithms, data structures and data abstraction. JAVA will be the programming language used for implementing computer-based solutions to problems.

SCIENCES

2000340  ADVANCED PLACEMENT BIOLOGY
Prerequisite: A or B in previous Science class
1 Science Credit   Grades: 9-12
This course is a first year college biology course. The content includes, but is not limited to the following: cell biology, biochemistry, classical genetics, molecular genetics, evolution, ecology, taxonomy, and the anatomy and physiology of plants and animals. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time.

2003370  ADVANCED PLACEMENT CHEMISTRY
Prerequisite: Honors Chemistry preferred and completion or concurrent enrollment in Algebra II Honors
1 Science Credit   Grades: 10-12
AP Chemistry is a college-level course which includes, but is not limited to, the structure of matter, the states of matter, chemical reactions and descriptive chemistry. Laboratory experiments are a significant component. The challenging nature of this course requires the student to devote significant quantities of time and effort outside of regular class time.

2003421  AP PHYSICS 1
Prerequisite: Completion or concurrent enrollment in Pre-calculus
1 Science Credit   Grades: 11-12
This AP course is equivalent to a first-semester college physics course. It has been written to serve as a first physics course for high school students. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. During the course, students will prepare for the AP Physics 1 exam.

2003422  AP PHYSICS 2
Prerequisite: AP Physics 1
1 Science Credit   Grades: 12
This AP course is also algebra-based and is equivalent to a second-semester college physics course. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. During the course, students will prepare for the AP Physics 2 exam.
2003430  ADVANCED PLACEMENT PHYSICS C
Prerequisite:  AP Physics 1 and concurrent enrollment in AP Physics 2
1 Science Credit   Grades:  11-12
AP Physics C is a calculus-based college level course in physics.  AP Physics C is divided into two sections:  electronics/magnetism and classified mechanics.  The challenging nature of this course requires the student to devote significant quantities of time and effort outside the regular class time.

2001380  ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE
Prerequisite:  Biology Honors, Chemistry Honors, Algebra II
1 Science Credit   Grades:  11-12
This is a college-level course which provides the student with the scientific principles, concepts, and methods required to understand the interrelationships 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.  The challenging nature of the course requires the student to devote significant quantities of time and effort outside regular class time.

SOCIAL STUDIES

2103400  ADVANCED PLACEMENT HUMAN GEOGRAPHY
Prerequisite:  A or B in previous Social Studies class
1 Elective Credit   Grades:  9-12
The purpose of this course is to expose students to the world’s locations, cultures, economies, and governments.  This course studies the patterns and processes that have shaped human understanding.  Students will use spatial concepts and landscape analysis to examine social organization and its environmental consequences.

2109420  ADVANCED PLACEMENT WORLD HISTORY
Prerequisite:  A or B in English I Honors or World Cultural Geography teacher recommendation
1 World History Credit  Grades:  10-12
This college-designed course offers comprehensive analysis of World History.  It is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the materials in World History.  The purpose of this course is to develop greater understanding of the evolution of global process and contacts and of the interaction of different types of human societies.  This course will meet the graduation requirement for World History.

2100330  ADVANCED PLACEMENT US HISTORY
Prerequisite:  World History, Teacher recommendation
1 US History Credit  Grade:  11
This course includes advanced content in American history, emphasizing critical essay writing, primary and secondary source research techniques, in-depth interpretations and analysis of the traditional historical periods in a chronological survey of American history.  This course will meet the graduation requirement for US History.

2106430  AP COMPARATIVE POLITICS AND GOVERNMENT
Prerequisite:  World History, Teacher recommendation
½ Elective Credit   Grades:  11-12
This course asks students to compare and contrast the government and politics of six countries (Great Britain, Mexico, Russia, Iran, China, and Nigeria), emphasizing broad trends to communicate to students the importance of global political and economic changes.

2107350  ADVANCED PLACEMENT PSYCHOLOGY
Prerequisite:  C or better in English II and Biology
1 Elective Credit   Grades:  11-12
This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals.  Students will study the psychological facts, principles and phenomena associated with each of the major subfields within psychology.  Students will also learn about the methods psychologists use in their science and practice.
2109380  ADVANCED PLACEMENT EUROPEAN HISTORY  
Prerequisite:  World History Honors  
1 Elective Credit  Grades:  11-12  
This course is a study of European History since 1450.  It introduces students to cultural, economic, political and social developments that played a fundamental role in shaping the world in which they live. Students will develop an understanding of the principal themes in European History, analyze historical evidence, and express historical understanding in writing.

2106420  ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS  
Prerequisite:  US History, Teacher recommendation  
½ American Gov Credit  Grade:  12  
This course examines U.S. politics through an analysis of the foundations, documents, and institutions of American Government. Emphasis is placed on content and interpretation of the Constitution, federalism, Congress, the Presidency, the Federal Court system, the electoral process and the media, as well as the roles and responsibilities of citizens. This course will meet the graduation requirement for American Government.

2102370  ADVANCED PLACEMENT MACROECONOMICS  
Prerequisite:  US History, Teacher recommendation  
½ Economics Credit  Grade:  12  
This course is the study of the economy as a whole with special emphasis on National Income Accounting, Fiscal Policy, Monetary Policy and World Markets. This course will meet the graduation requirement for Economics.

FINE ARTS

1300330  ADVANCED PLACEMENT MUSIC THEORY  
Prerequisite:  Prior musical training, ability to read notes in treble and bass clef  
AP Music Theory Instructor MUST sign registration form  
1 Performing Fine Art Credit  Grades:  9-12  
In this course, students will continue their study of music theory with emphasis in composition, music history, and harmonic and melodic dictation. Students will utilize a combination of learning styles: drill and practice, dictation, sight singing, as well as lecture and demonstration.

0100300  ADVANCED PLACEMENT ART HISTORY  
Prerequisite:  Honors English I, II  
1 Performing Fine Art Credit  Grades:  11-12  
AP Art History welcomes students to discover the diversity in and connections among forms of artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experience through art by exploring art in its historic and cultural contexts. AP Art History is designed to be the equivalent of a two-semester college course, and a passing score earns students credit at Florida University System universities for TWO college classes, along with satisfying the Gordon Rule Humanities Requirement (5-11 Semester Hours). No artistic skill is required.

0104300  ADVANCED PLACEMENT ART DRAWING PORTFOLIO  
0109350  ADVANCED PLACEMENT ART 2-DIMENSIONAL DESIGN  
0109360  ADVANCED PLACEMENT ART 3-DIMENSIONAL DESIGN  
Prerequisite:  AP Instructor’s approval  
1 Performing Fine Art Credit  Grades:  11-12  
These courses are designed for the highly motivated student who plans to take art at the college level. Students will be required to maintain an extensive sketchbook as part of the AP Portfolio class. Students will be expected to demonstrate an understanding of art history, art criticism, and aesthetics from a multi-cultural perspective. Students must have at least 30 high quality works for each portfolio and meet the requirements and standards set by the Advanced Placement Guidelines. Students must be capable of independent study and research and are expected to work outside of class. Students will submit a portfolio for evaluation to AP College Board in May.
HONORS & GIFTED ENGLISH EXPECTATIONS
The honors and gifted level English classes require students to carry more responsibility in regard to outside reading and writing assignments. Such responsibilities require students to be self-motivated, organized, and consistent in their work ethic. The curriculum will move at a faster pace, so students should also maintain good attendance and a willingness to seek extra help when needed.

READING REQUIREMENTS
Students in grades 9 and 10 who do not meet the requirements for satisfactory performance in English language arts, may be enrolled in an accelerated reading support program. Schools will continue to make decisions that are in the best interest of each student regarding course enrollment and instructional support for students entering their senior year who have not demonstrated college readiness on the SAT, ACT, or through mastery of standards in mathematics or English language arts courses. Acceleration support courses taken in grades 9-12 may be taken only as elective credits for high school graduation. Acceleration support instruction may not be in lieu of English credits required for graduation.

NGCAR-PD
The District “may serve Level 2 students who do not need instruction in decoding and text reading efficiency in content area classes through a content area reading intervention. Teachers of these classes must complete the one hundred fifty (150) hour Content Area Reading Professional Development (CAR-PD) package, or complete the Next Generation Content Area Reading Professional Development (NGCAR-PD) [package].”

1001310  ENGLISH I
1001320  ENGLISH I HONORS
1001320L  ENGLISH I GIFTED
Prerequisite: Teacher recommendation for level, ESE staffing required for gifted
1 English Credit Each Grade: 9
English I provides instruction in the fundamentals of grammar, writing, vocabulary, and literature including non-fiction, short story, poetry, drama and the novel. Applied technical strategies are used to enhance oral and written communication and higher level thinking skills.

1001340  ENGLISH II
1001350  ENGLISH II HONORS
1001350L  ENGLISH II GIFTED
Prerequisite: Teacher recommendation for level, ESE staffing required for gifted
1 English Credit Each Grade: 10
English II continues the development and application of higher level thinking skills and relevant language skills, both written and verbal, for college and the workplace. Students integrate expository and persuasive writing, literary genre, and world literature with applied/technical communication strategies.

1001370  ENGLISH III
1001380  ENGLISH III HONORS
Prerequisite: Teacher recommendation for level
1 English Credit Each Grade: 11
English III extends grammar, composition, vocabulary skills and continues instruction in writing with emphasis on multi-paragraph essays and a documented paper. The focus is on Florida Standards and American Literature. Applied technical strategies are used to enhance oral and written communication and higher level thinking skills and to prepare students to be college-ready.

1001405  ENGLISH IV: COLLEGE PREP
Prerequisite: Teacher recommendation
1 English Credit Grade: 12
This course incorporates reading and writing study through a variety of informative text using grade-level writing craft. It also includes in-depth reading and analysis of informational selections. This curriculum is designed to develop critical reading and writing skills necessary for success in college courses. Students will be prepared for successful completion of Florida college English courses. The benchmarks in this course reflect the Florida College Competencies necessary for entry-level college courses and are also related to the College and Career Readiness (CCR) anchor standards, the exit standards of Florida’s K -12 Standards.
1001410 ENGLISH IV HONORS
Prerequisite: Teacher recommendation
1 English Credit Grade: 12
In English IV students use the writing process to compose multi-paragraph expository, narrative, descriptive and persuasive essays, while applying the principles of standard English. Students read selections of world literature from a variety of periods with an emphasis on British authors. Students retrieve and interpret information from various sources including technology to create written and oral products.

1002300 ENGLISH I THROUGH ESOL
1002310 ENGLISH II THROUGH ESOL
1002320 ENGLISH III THROUGH ESOL
1002520 ENGLISH IV THROUGH ESOL
Prerequisite: ESOL staffing
1 English Credit Each Grades: 9-12
The purpose of these courses is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course. Note: These courses fulfill the requirements for English I, II, III, and IV.

1002380 DEVELOPMENTAL LANGUAGE ARTS ESOL
Prerequisite: ESOL staffing
1 Elective Credit Grades: 9-12
The purpose of this course is to provide instruction to speakers of languages other than English in the skills of listening, speaking, reading and writing in English. Students who scored Level 1 or 2 on FSA Reading and less than proficient on WIDA will be scheduled into this course.

1009320 CREATIVE WRITING I
Prerequisite: None
½ Elective Credit Grades: 9-12
The purpose of this course is to enable students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style.

1020830 CLASSICAL LITERATURE (HONORS)
Prerequisite: English I, II
.5 Elective Credit Grades: 11-12
The purpose of this course is to enable students to develop knowledge of classical literature through integrated educational experiences in the language arts. Emphasis will be on the literary influences on cultures and societies from ancient Greece to the Reformation, including humanity’s search for values, a place in society, political and religious identity, and aesthetic expression.

ADVANCED PLACEMENT COURSES:
Descriptions of AP/DE classes can be found in the AP Course Section of this Curriculum Guide.
English Language & Composition
English Literature & Composition
MATHEMATICS

Algebra I or its equivalent is required for High School Graduation

1200310  ALGEBRA I
Prerequisites: Advanced 8th Grade Math or Pre Algebra
1 Math Credit     Grades: 9-12
This course is designed to provide the foundation for future secondary mathematics courses and to develop skills needed to solve mathematical problems. Topics shall include the following: functions; linear equations and inequalities; systems of linear equation and inequalities; polynomials; simplifying radical and rational expressions; solving and graphing quadratic equations; exponential functions; linear regression analysis including residuals; and introductory probability. Additionally, students will work on test taking skills and problem solving techniques to prepare for the End of Course Exam (EOC).

1200320  ALGEBRA I HONORS
Prerequisites: Advanced 8th Grade Math, Algebra I or Teacher recommendation
1 Math Credit     Grades: 9-12
Algebra I Honors includes a rigorous, in-depth study of all of the topics included in Algebra I as well as the following: binomial theorem; solving radical and rational equations; systems of nonlinear functions; inverse functions; deeper exploration of arithmetic and geometric sequences and series. Additionally, students will work on test-taking skills and problem-solving techniques to prepare for the End of Course Exam (EOC). Algebra I or its equivalent course is required for high school graduation. A graphing calculator is required for Algebra I Honors. It is strongly recommended that students taking this course successfully complete their previous math course.

1206310  GEOMETRY
Prerequisite: Algebra I
1 Math Credit     Grades: 9-12
This course is designed to develop critical thinking skills in mathematical situations using deduction and discovery. Practical applications of geometric skills and concepts in the real world are included. Topics include, but not limited to the following: logic and reasoning; proofs; the study of Euclidean geometry of lines, planes, angles, triangles; similarity; rigid transformations; congruence; geometric inequalities; explorations with polygons and circles, area and volume; constructions. Additionally, students will work on test-taking skills and problem-solving techniques to prepare for the End of Course Exam (EOC).

1206320  GEOMETRY HONORS
Prerequisite: Algebra I Honors, Teacher recommendation
1 Math Credit     Grades: 9-12
This course includes a rigorous, in-depth study of all of the geometry topics as well as, but not limited to the following: in depth constructions; Cavalieri’s principle; proving and applying laws of sines and cosines in non-right triangles; conic sections. Additionally, students will work on test taking skills and problem solving techniques to prepare for the End of Course Exam (EOC). A graphing calculator is required. It is strongly recommended that students taking this course successfully complete their previous math course.

1207300  LIBERAL ARTS MATH 1
Prerequisite: Algebra 1, Teacher recommendation
1 Math Credit     Grades: 10-12
This course will cover the following topics: budget; stock and investment explorations; simple & compound interest with exponential growth; solve literal equations; basic constructions; cross-sections of 3D objects; simple rational and radical equations; systems of linear and nonlinear equations; domain and range; geometric transformations; one variable descriptive statistics.

1207310  LIBERAL ARTS MATH 2
Prerequisite: Geometry, Teacher recommendation
1 Math Credit     Grades: 10-12
This course will cover the following topics: mortgage calculations; deferred payments with interest; net worth; remainder theorem; dividing polynomials; solving quadratic equations and systems of linear and nonlinear functions; finite geometric series; graphing polynomial, exponential, piecewise, and step functions; real world linear and exponential models; conic sections; parallel and perpendicular lines; complex numbers; simplifying radical and rational expressions; two-way tables and conditional probabilities; experimental design; margin of error.
WSHS Math Department Progression Plan 2016-2017

Standard Tracks

- Std. Algebra I → Pass EOC → Std. Geometry → Std. Algebra II → Analysis of Functions & Trig
- Std. Algebra II → Hon. Calculus
- Std. Algebra II → Honors Prob and Statistics
- Std. Algebra II → Math for College Readiness
- Liberal Arts II

Honors Track

- Hon. Algebra I → Hon. Geometry → Hon. Algebra II → Pre-Calculus
- Pre-Calculus → AP Calculus AB
- Pre-Calculus → AP Calculus BC
- Pre-Calculus → AP Statistics
- AP Statistics
- AP Calculus AB
- AP Calculus BC
- AP Statistics

Recommended for strong math students

- AP Computer Science A
- AP Computer Science A
- AP Computer Science A

NOTES:

- All Students receiving an “F” in any class may not advance without passing the prior class first.
- ** Students successfully passing these courses are eligible for the Scholar’s Diploma
1200330  ALGEBRA II  
Prerequisite: Geometry  
1 Math Credit   Grades: 9-12  
This course is designed to continue the study of the structure of Algebra by providing the foundations for applying these skills to other math and science fields. Topics include, but are not limited to the following: complex numbers; polynomial functions and their inverses; systems of linear and nonlinear equations and inequalities; polynomials; rational and radical functions; reciprocal functions; exponential and logarithmic functions; graphing and transformations of all the previously named functions along with trigonometry; sequences and series; conditional probability; normal distributions; introductory inference and margin of error; categorical and quantitative variable statistical analysis.

1200340  ALGEBRA II HONORS  
Prerequisite: Algebra 1 Honors, Geometry Honors, Teacher recommendation  
1 Math Credit   Grades: 9-12  
This course includes a rigorous, in-depth study of all the Algebra II topics. Students will be expected to have a solid understanding of the following topics previously studied in Algebra I: rational expressions and equations; absolute value equations and inequalities; recursive formulas for arithmetic and geometric sequences; and normal distributions. Topics studied in Algebra II include, but are not limited to the following: piecewise functions; binomial expansion theorem; discontinuities; asymptotic behavior in rational graphs; non-linear systems of equations; conic sections and partial sums of arithmetic and geometric series. A graphing calculator is required. It is strongly recommended that students taking this course have successfully completed their previous math course.

1201315  ANALYSIS OF FUNCTIONS  
Prerequisite: Algebra II  
.5 Math Credit   Grades: 10-12  
This course is designed to prepare students to be successful in pre-calculus. Topics include but are not limited to an in-depth study of the following: graphing and transformations of functions; piecewise functions; polynomials, rational expressions and equations; exponential and logarithmic functions; remainder and root theorems; complex number system; removable and non-removable discontinuities; trigonometry ratios and basic graphs. A graphing calculator is required.

1211300  TRIGONOMETRY  
Prerequisite: Algebra II  
.5 Math Credit   Grades: 10-12  
This course is designed to be a semester-long follow up to Analysis of Functions and to prepare students to be successful in pre-calculus. Topics include but are not limited to the following: circular functions; trigonometric identities; graphs of trigonometric functions; particular and general solutions of trigonometric equations; solutions of right and oblique triangles; proving Pythagorean identities; using trigonometry in a complex plane; using trigonometry with vectors. A graphing calculator is required.

1202340  PRE-CALCULUS (HONORS)  
Prerequisite: Algebra II Honors, Teacher recommendation  
1 Math Credit   Grades: 10-12  
Pre-Calculus is designed to provide a foundation for the study of calculus. Topics include analysis of algebraic, exponential, polynomial, rational, logarithmic, and trigonometric functions; intermediate and extreme value theorems; analytic geometry; vectors, polar and parametric equations; complex number system; infinite series, with an introduction to limits and continuity. A graphing calculator is required.

1210300  PROBABILITY AND STATISTICS (HONORS)  
Prerequisite: Algebra II, Teacher recommendation  
1 Math Credit   Grades: 11-12  
This course is designed to give students the tools needed to enable them to answer reasonable and theoretical practical real-life applications. Topics include, but are not limited to the following: permutations and combinations; probability distributions; normal distributions; Central Limit Theorem; sampling techniques; measures of central tendency and variability; linear regression; confidence intervals; and hypothesis tests of means and proportions. A graphing calculator is required.

1202300  CALCULUS (HONORS)  
Prerequisite: Analysis of Functions, Teacher recommendation  
1 Math Credit   Grades: 10-12  
This course is designed to provide a foundation for the study of advanced mathematics. Topics include, but are not limited to the following: functions and graphs, limits; continuity, derivatives and integrals with applications; optimization; velocity; acceleration; rates of change; antiderivitives; Riemann Sums; and the Fundamental Theorem of Calculus. Use of a graphing calculator is required.
1200700  MATHEMATICS FOR COLLEGE READINESS
Prerequisite: Algebra II
1 Math Credit  Grade: 12
This course is designed to meet the needs of seniors who plan to attend college. Projects designed to help students research and apply to colleges, make a preliminary two-year course plan, and schedule first semester college classes will be incorporated throughout the year. Topics include but are not limited to the following: simplify polynomial expressions with math properties and exponents; prove polynomial identities; simplify and solve rational and radical equations; solve systems of equations graphically and algebraically; transform polynomial functions; statistical linear regression analysis; analyze domain and range. This course is supplemented with a graphing calculator. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses.

ADVANCED PLACEMENT COURSES:
Descriptions of AP classes can be found in the AP Course Section of this Curriculum Guide.
Calculus AB
Calculus BC
Statistics
Computer Science A
SCIENCE

2001340  ENVIRONMENTAL SCIENCE (PRE-BIOLOGY)
Prerequisite: Teacher recommendation, Guidance placement based on test scores
1 Science Credit  Grade: 9
This course is designed to help students develop skills in the areas of academic performance, learning strategies and critical thinking. It will be a study of the interactions between organisms and the environment, biogeochemical cycles, the evolution of life on earth and energy flow. Upon completion of this course, students will take Biology in preparation for the end-of-course exam, a graduation requirement.

2000310  BIOLOGY I
2000320  BIOLOGY I HONORS
2000320L  BIOLOGY I GIFTED
Prerequisite: Teacher recommendation, ESE Staffing for Gifted
1 Science Credit  Grades: 9-10
This course is designed to help students develop skills in the areas of cooperative learning, critical thinking, the scientific method, and the utilization of technology in the research of contemporary problems and issues. The study of life processes will include cellular biology, genetics, ecology, animal and plant anatomy and physiology, as well as an introduction to the structure and function of the human body. Laboratory activities and safe laboratory techniques are an essential component of the course. In these courses students will explore the relationships between organisms and their environments and between individual cells and biological systems. The processes of life will be approached from the viewpoints of cellular structure and function, genetics and molecular biology, classification of organisms, physiology, biochemistry and biological changes through time.

2003310  PHYSICAL SCIENCE
Prerequisite: Biology, Teacher recommendation
1 Science Credit  Grades: 10-11
This pre-chemistry course will prepare students to develop an understanding of the role of chemical and physical technology in everyday life and society. Laboratory activities and safe laboratory techniques are essential components of the course and allow students to become familiar with scientific instruments and methods as well as provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities. This course fulfills the graduation requirement for an “Equally Rigorous course” as defined by the Florida Department of Education.

2003340  CHEMISTRY
2003350  CHEMISTRY HONORS
2003350L  CHEMISTRY GIFTED
Prerequisite: For Standard level: Biology, Algebra 1 preferred; For Honors level: Honors Biology, Geometry preferred
1 Science Credit  Grades: 10-12
The purpose of this course is to introduce students to the study of the composition, properties and changes associated with matter. The content shall include, but not limited to: measurement, classification and structure of matter, atomic theory, moles, periodicity, chemical bonding, formula writing, nomenclature, chemical equations, stoichiometry, kinetic theory, gas laws, acids and bases, energy relationship, solids, liquids, and solutions, and an introduction to organic chemistry. A strong math background is recommended for these levels of chemistry. Laboratory activities and safe laboratory techniques are an essential component of this course.

2003380  PHYSICS I
2003390  PHYSICS I HONORS
Prerequisite: Algebra II completed or concurrent/ Algebra II Honors completed for Honors Physics
1 Science Credit  Grades: 11-12
The physics standard and honors courses will provide students with an introduction to matter, energy, and the forces of nature. Topics include but are not limited to mechanics, optics, sound, electricity and magnetism. Laboratory activities and safe laboratory techniques are an essential component of this course. Honors level Physics will provide students with an introductory study of the theories and laws governing the interaction of matter, energy and the forces of nature. The content shall include, but not be limited to mechanics, wave phenomena, electricity, magnetism, optics, and sound. Laboratory activities and safe laboratory techniques are an essential component of this course.
WSHS Science Department Progression Plan 2016-2017

Standard Track

Environmental Science

Biology Std

Physical Science Std

Chemistry Std

Chemistry Std

Physics Std

Standard Science Elective

Honors Track

AP Biology or Biology

Back to std track, Physical Science (above)

AP Physics or Honors Physics

API Physics or Honors Physics

AP Chemistry or Chemistry Hon

AP Chemistry or Chemistry Honors

AP Chemistry Honors

Any AP Science or Honors Science Elective

Notes

- Students on the Standard Track may jump to the honors track with teacher approval
- To Earn the Scholar Designation on the High School diploma students must: Pass the Biology I EOC; Earn 1 credit in chemistry or physics; Earn 1 credit in a course equally rigorous to chemistry or physics
ANATOMY AND PHYSIOLOGY
ANATOMY AND PHYSIOLOGY HONORS
Prerequisite: C or better in Biology and Chemistry
1 Science Credit Grades: 11-12
Anatomy and Physiology is a discussion and laboratory-based study of the human body. It provides students with an advanced and comprehensive background of the human anatomy and physiology. The course will cover anatomical terminology, study of the organ systems and various physiological processes. Laboratory activities, organ and cad dissections are mandatory for this course. This course is designed for students interested in the field of medicine or health sciences.

EXPERIMENTAL SCIENCE I
Prerequisite: Teacher approval, Concurrent enrollment in at least 1 Honors Science Course
1 HONORS Elective Credit Grades: 10-12
The Experimental Science I course is designed to promote research experiences both in the classroom and in the field for advanced science students. When applicable students will be matched with mentors in the scientific fields in order to perform and write about their research. Students will develop a research portfolio in the class that can be used in the college application process. Students enrolled will be required to enter the regional science fair with results of their chosen research project for the year. Students will be required to compete in at least one other scientific competition including but not limited to Science Olympiad, First Robotics, Nelson Ying Competition, and The Society for Technical Communications.

ECOLOGY
Prerequisite: Biology
1 Elective Science Credit Grades: 10-12
This course provides students with a study of diverse terrestrial and aquatic ecosystems. It will focus on habitats of Florida, the organisms in them and the abiotic and biotic factors which affect them. There will be hands-on activities and classroom projects.

RENEWABLE ENERGY (HONORS)
Prerequisite: None
1 Elective Science Credit Grades: 9-12
This is an introductory course for students interested in renewable energy and climate change. The curriculum includes topics such as home efficiency, wind energy, solar (thermal and photovoltaic) energy, hydroelectric energy, bio-energy, tidal and wave power, geothermal energy, fuel cells. Also studied are the environmental and economic impacts of renewable energy.

SOLAR ENERGY I (HONORS) Prerequisite: Renewable Energy
SOLAR ENERGY II (HONORS) Prerequisite: Solar Energy I
1 Elective Science Credit Grades: 10-12
These courses offer an in-depth look into solar energy. Students will participate in hands-on labs and activities specifically focused on the science, creation, design, and application of photovoltaic systems. These systems include solar cells, AC and DC electricity, inverters, circuits, energy storage, and installation.

ADVANCED PLACEMENT/DUAL ENROLLMENT COURSES:
Descriptions of AP classes can be found in the AP/DE Course Section of this Curriculum Guide.
Biology
Chemistry
Physics 1 & 2
Physics C
Environmental Science
SOCIAL STUDIES

REQUIRED COURSES

2109310  WORLD HISTORY
2109320  WORLD HISTORY HONORS
Prerequisite: English I teacher recommendation for honors and AP levels
1 World History Credit  Grade: 10
These courses will provide an understanding of the contemporary world through an overview of how politics, economics, geography, world religions, culture, science, technology, citizenship and global relations have influenced and shaped the major events from the Middle Ages to the 21st century. This course will meet graduation requirements for World History.

2100310  UNITED STATES HISTORY
2100320  UNITED STATES HISTORY HONORS
Prerequisite: World History teacher recommendation for honors and AP levels
1 United States History Credit  Grade: 11
These courses begin with a brief overview of the Revolutionary War through the Civil War, and continue with an in-depth study of America’s growth, through the 19th, and 20th centuries into the 21st century. These courses will meet graduation requirements for American History.

2102335D  ECONOMICS WITH FINANCIAL LITERACY
Prerequisite: US History
.5 Economics Credit  Grade: 12
This course fulfills the online course graduation requirement.
The Economics with Financial Literacy course consists of the following content area strands: Economics and Geography. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to the following: currency, banking, and monetary policy; the fundamental concepts relevant to the major economic systems; the global market and economy; major economic theories and economists; the role and influence of the government and fiscal policies; economic measurements, tools, and methodology; financial and investment markets; and the business cycle. This course content will also consist of consumer and personal finance which includes but is not limited to the following: concepts of personal finance, budgeting, credit reports, personal credit, checking and savings accounts; consumerism; interest; higher education financing; insurance policies; employment contracts and tax forms.

2102345D  ECONOMICS WITH FINANCIAL LITERACY HONORS
Prerequisite: US History teacher recommendation
.5 Economics Credit  Grade: 12
This course fulfills the online course graduation requirement.
In addition to the above course description, this honors course offers scaffolded learning opportunities for students to develop the critical skills of analysis, synthesis, and evaluation in a more rigorous and reflective academic setting. Students are empowered to perform at higher levels as they engage in the following: analyzing historical documents and supplementary readings, working in the context of thematically categorized information, becoming proficient in note-taking, participating in Socratic seminars/discussions, emphasizing free-response and document-based writing, contrasting opposing viewpoints, solving problems, etc. Students will develop and demonstrate their skills through participation in a capstone and/or extended research-based paper/project (e.g., history fair, participatory citizenship project, mock congressional hearing, projects for competitive evaluation, investment portfolio contests, or other teacher-directed projects).

2106310D  AMERICAN GOVERNMENT
2106320D  AMERICAN GOVERNMENT HONORS
Prerequisite: US History Teacher recommendation for level
.5 American Gov Credit  Grades: 12
This course fulfills the online course graduation requirement.
These courses provide an understanding of American Governmental system and political behavior. Content includes an analysis of documents which shape our political traditions, the roles of the three branches of government, an understanding of the evolving role of political parties and interest groups in determining government policy and the rights and responsibilities of citizens. These courses will meet graduation requirements for American Government.
ELECTIVES

2103300  WORLD CULTURAL GEOGRAPHY
Prerequisite: None
1 Elective Credit Grades: 9-12
The purpose of this course is to give students an understanding of the inter-relationships between people and their environment. The course will include a study of world cultural regions in terms of location, physical characteristics, demographics, historical changes and land use.

2107300  PSYCHOLOGY I
Prerequisite: None
.5 Elective Credit 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.

2108300  SOCIOLOGY
Prerequisite: None
.5 Elective Credit Grades: 10-12
Through the study of sociology, students acquire an understanding of group interaction and its impact on individuals. Emphasis is placed on how social interactions influence the beliefs, values and behavior patterns of both the individual and society.

2106350  LAW STUDIES
Prerequisite: None
.5 Elective Credit Grades: 11-12
This course is an introduction to law and the legal system. The curriculum includes real world issues like consumer law, family law, criminal law, juvenile law, and individual rights. Students will participate in mock trials, simulated police encounters, consumer’s actions, jury selections, moot courts and many other participatory learning activities.

ADVANCED PLACEMENT COURSES:
Descriptions of AP classes can be found in the AP/DE Course Section of this Curriculum Guide.
Human Geography
World History
US History
US Government and Politics
Psychology
Comparative Government and Politics
European History
Macroeconomics
WORLD LANGUAGES

0701320  FRENCH I
Prerequisite: C or better in 8th grade English
1 Elective Credit   Grades:  9-12
This course is designed to emphasize speaking and listening skills with students’ oral participation in the target language. Reading and writing are introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various French speaking countries.

0701330  FRENCH II
Prerequisite: World Language Teacher Recommendation
1 Elective Credit   Grades:  9-12
This course is designed for the student to continue to develop skills in listening and speaking. Conversation in the target language is stressed. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth.

0701340  FRENCH III (HONORS)
Prerequisite: World Language Teacher Recommendation
1 Elective Credit   Grades:  9-12
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. Opportunities for enjoyment of the customs, ideas and heritage will increase.

0706300  LATIN I
Prerequisite: C or better in 8th grade English
1 Elective Credit   Grades:  9-12
This course is designed to introduce fundamental Latin vocabulary and grammar along with classical culture. Mythology, Roman family life and strategies to increase English vocabulary are featured. Translation exercises emphasize a better understanding and a more precise use of English.

0706310  LATIN II
Prerequisite: World Language Teacher Recommendation
1 Elective Credit   Grades:  10-12
The Latin II Course is an extension of Latin I. Greater emphasis is placed upon more complex grammar, advanced vocabulary and English derivatives. Students will acquire a more detailed knowledge of Roman mythology, history, and culture. The students will be introduced to excerpts from the Commentaries of Julius Caesar.

0706320  LATIN III (HONORS)
Prerequisite: World Language Teacher Recommendation
1 Elective Credit   Grades:  11-12
This course is designed to continue the study of Latin vocabulary and derivatives. Readings from Latin authors contribute to an understanding of the nation.

0708340  SPANISH I
Prerequisite: C or better in 8th grade English
1 Elective Credit   Grades:  9-12
This course is designed to emphasize speaking and listening skills with students’ oral participation in the target language. Reading and writing are introduced and basic grammar structures explained. Students will be introduced to the culture and customs of various Spanish speaking countries. This course is not for native Spanish speakers.

0708350  SPANISH II
Prerequisite: World Language Teacher Recommendation
1 Elective Credit   Grades:  9-12
This course is designed for the student to continue to develop skills in listening and speaking. Conversation in the target language is stressed. Reading and writing will be further developed through expanded vocabulary and more complex grammatical structures. Culture, history and geography will be studied in greater depth.
0708360 SPANISH III (HONORS)
Prerequisite: World Language Teacher Recommendation
1 Elective Credit Grades: 9-12
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. Opportunities for enjoyment of the customs, ideas and heritage will increase.

0709300 SPANISH FOR SPANISH SPEAKERS I
Prerequisite: Students must be able to speak and understand the Spanish language.
1 Elective Credit Grades: 9-12
This course provides a review of fundamental grammar and culture for students whose native language is Spanish. The focus of the course is to help students develop oral and written communication free from English interference. Students will be able to communicate ideas and feelings, both orally and in writing, and will develop comprehensive skills through the study of reading selections. Students will be able to identify the cultural variances found in language usage and life. This course is for students who speak and understand the Spanish Language.

0709310 SPANISH FOR SPANISH SPEAKERS II
Prerequisite: Spanish for Spanish Speakers I and Teacher Recommendation
1 Elective Credit Grades: 10-12
This course will emphasize enhancement of written and oral communication skills through compositions and reports. Students will analyze and explore Spanish and Latin American literature as well as become acquainted with the history and geography of these countries. This class will be conducted entirely in Spanish.

0717300 AMERICAN SIGN LANGUAGE I
Prerequisite: Fluency in English
1 Elective Credit Grades: 9-10
This course will teach hearing students basic conversational skills in American Sign Language (ASL) and awareness of various aspects of deafness. The content includes conversational vocabulary, grammatical features and principles of ASL, the audio logical, educational, social, cultural, and historic aspects of deafness.

0717310 AMERICAN SIGN LANGUAGE II
Prerequisite: ASL I, Teacher Recommendation
1 Elective Credit Grades: 10-11
This course will further develop knowledge of sign language and an awareness of cultural aspects of the deaf community. Students will increase their ASL vocabulary by approximately 700 signs while continuing to use grammatical principles. Students will maintain an activity journal documenting hours spent with the deaf community. Students will create a video demonstrating meaningful dialogue, narratives and dramas.

0717312 AMERICAN SIGN LANGUAGE III (HONORS)
Prerequisite: American Sign Language II, Teacher Recommendation
1 Elective Credit Grades: 11-12
This course is designed for students to pursue the goal of fluency in the language. Emphasis is on advanced structure and mastery of skills and vocabulary acquired in American Sign Language II. The students will additionally learn the steps taken to become professional interpreters including certification procedures and the Code of Ethics of professional conduct. Due to the advanced level of language in this course, students are required to complete a summer assignment prior to the start of the school year.

0717314 AMERICAN SIGN LANGUAGE IV (HONORS)
Prerequisite: American Sign Language III, Teacher Recommendation
1 Elective Credit Grades: 11-12
This course is designed for students to develop fluency in the language. Emphasis is on advanced structure and mastery of skills and vocabulary acquired in American Sign Language III. The students will also learn the steps taken to become professional interpreters including certification procedures and the Code of Ethics of professional conduct. Due to the advanced level of language in this course, students are required to complete a summer assignment prior to the start of the school year.

ADVANCED PLACEMENT COURSES:
Descriptions of AP classes can be found in the AP Course Section of this Curriculum Guide.
French
Latin
Spanish Language
Spanish Literature
0101355  CREATING 2D ART
Prerequisite: None
.5 Performing Fine Art Credit  Grades: 9-12
This is an introductory course in which students will explore basic drawing and painting skills and techniques. Students will learn the principles and elements of design and will incorporate this knowledge into the creation of drawings and paintings using a variety of media. The course integrates knowledge of art history to broaden personal viewpoints.

0101310  2D ART II  Prerequisite: Creating 2D Art
1 Performing Fine Art Credit  Grades: 10-12

0104335  DRAWING I
Prerequisite: Creating 2D Art  Grades: 9-12
.5 Performing Fine Art Credit
The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.

0104350  PAINTING II  Prerequisite: Painting I
1 Performing Fine Art Credit  Grades: 10-12

0104365  PAINTING I
Prerequisite: Creating 2D Art  Grades: 9-12
.5 Performing Fine Art Credit
The purpose of this course is to enable students to develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of painting media, processes, and techniques.

0109310  PORTFOLIO DEVELOPMENT: DRAWING (HONORS)
0109320  PORTFOLIO DEVELOPMENT: 2D DESIGN (HONORS)
Prerequisite: Instructor’s approval
1 Performing Fine Art Credit Each  Grades: 11-12
The portfolio courses are designed for the advanced student who may pursue art in college or as a career. The objective is for each individual to complete a professional body of work at the college level. Portfolio is the final preparation for the serious art student before taking Advanced Placement.

0101365  CREATING 3D ART I
Prerequisite: None
.5 Performing Fine Art Credit  Grades: 9-12
This is an introductory course in which students will explore a variety of three dimensional media and techniques. Students will learn the principles and elements of design and will incorporate this knowledge into a number of sculptural forms through modeling, carving and construction. The course integrates knowledge of art history to broaden personal viewpoints.

0111310  SCULPTURE I
Prerequisite: Creating 3D Art and Teacher recommendation
1 Performing Fine Art Credit  Grades: 10-12
The purpose of this course is to enable students to develop basic skills in the use of sculpture media, design, processes, and techniques. Emphasis shall be placed on the use of visual, spatial, and compositional concepts to communicate a range of ideas.

0111320  SCULPTURE II
Prerequisite: Sculpture I and Teacher recommendation
1 Performing Fine Art Credit  Grades: 11-12
The purpose of this course is to enable students to develop intermediate-level skills in the use of sculpture media, design, processes, and techniques. Emphasis shall be placed on the use of visual, spatial, and compositional concepts to communicate a range of ideas.

0109330  PORTFOLIO III: 3D DESIGN (HONORS)
Prerequisite: Creating 3D Art, Sculpture I & II, Teacher recommendation  Grades: 11-12
ADVANCED PLACEMENT COURSES:
Descriptions of AP classes can be found in the AP Course Section of this Curriculum Guide.

DRAWING PORTFOLIO
2 DIMENSIONAL DESIGN
3 DIMENSIONAL DESIGN
ART HISTORY

PHOTOGRAPHY

8201310 DIGITAL PHOTOGRAPHY 1
Prerequisite: None
1 Elective Credit  Grades: 9-12
This course provides competencies in photographic history, the production process, intellectual property rights, camera systems, support equipment, basic photography and workflow applications. Students will learn the use of the primary camera controls and how to edit and print their photographs using Adobe Photoshop. Students will also learn the basic elements of outdoor natural light and outdoor sports photography. Industrial Certificate in Adobe Photoshop CC can be accomplished at the end of this class. Highly recommended for anyone wanting to work on the yearbook staff. Yearbook photographers should sign up for this class.

There will be a lab fee of $15 for all Creative Photography classes. This will include the following materials: B&W photo paper for all in-class projects, 1 roll of B&W film, negative page holder, matting supplies, and matte digital photo paper.

0108320 CREATIVE PHOTOGRAPHY II
Prerequisite: Creative Photography I or Digital Photography, access to a digital camera with manual controls for f/stop & shutter speed and a 35 mm film camera and teacher recommendation
1 Performing Fine Art Credit  Grades: 10-12
Creative Photography II is an advanced course for students with a strong interest in photography. Students will learn the beginning processes and concepts of photojournalism, abstract photography, fine art, and how to critique. Students will also learn the techniques and aesthetics of film photography and darkroom procedures. With each project students will be introduced to new artistic concepts and techniques. Students will also focus on preparing their portfolios for college admission. Students will need access to a digital and film camera and their own flash drive.

0108330 CREATIVE PHOTOGRAPHY III (HONORS)
Prerequisite: Photography II, access to a digital camera with manual controls for f/stop and shutter speed and a 35 mm film camera and teacher recommendation
1 Performing Fine Art Credit  Grades: 11-12
Creative Photography III is an advanced course for students with a serious interest in continuing their education after high school in photography, graphic design, advertising, communications, journalism, film & video, or any other field in the visual arts. The curriculum is built around a combination of teacher and student designed projects that focus on advancing technical skills and producing a visual product around a fine art, editorial, or commercial concept. Emphasis is given to preparing a portfolio of finished work for college entrance or job seeking. Students will need access to a digital and film camera. They will also need to provide some of their own film and computer printer paper for digital prints and their own flash drive.

0109320Q PORTFOLIO DEVELOPMENT: PHOTOGRAPHY (HONORS)
Prerequisite: Teacher recommendation  Grades: 11-12

DRAMAT

0400300 INTRODUCTION TO DRAMA
Prerequisite: None
.5 Performing Fine Art Credit  Grades: 9-12
Students will explore various performance, technical, and historical aspects of theatre. They will learn about basic characterization through physical activity, reading selected theatre literature, and improvisational games. Students will also learn through hands-on experience with special effects make-up, costumes, etc. Students are expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

0400620 THEATRE IMPROVISATION
Prerequisite: None
.5 Performing Fine Art Credit  Grades: 9-12
In this theatre course improv games are the main focus. Students learn to communicate effectively, both verbally and non-verbally; develop and build critical listening and collaborative skills; and think and solve problems quickly and appropriately on the spot. These skills transfer well to academic, career, and social arenas. Students are expected to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.
0400370  ACTING I
Prerequisite:  Audition and instructor approval
1 Performing Fine Art Credit  Grades:  9-12
This course is for the serious performer who wishes to pursue an acting career. Through improvisation, simple scripted scenes, performance projects, and/or practical application, students learn to identify what makes performances believable and explore the tools used to create, articulate, and execute them. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

0400320  THEATRE 2
Prerequisite:  Audition/Instructor Approval
1 Performing Fine Art Credit  Grades:  10-12
This intermediate-level class, designed for students with some experience, promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Class work focuses on characterization, playwriting, and playwrights’ contributions to theatre. Improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work. As students gain skills and experience, they explore the relationships among technology, theatre, and theatre’s other art forms.

0400330  THEATRE 3 (HONORS) Grades:  10-12
0400340  THEATRE 4 (HONORS) Grades:  11-12
Prerequisite:  Audition and instructor approval
1 Performing Fine Art Credit each
These courses are designed for students with significant experience in theatre. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time. Students will be expected to compete at the Thespian District competitions and attend all accompanying after-school rehearsals. They will also be required to have hands-on involvement in school productions.

0400700  MUSICAL THEATER I
Prerequisite:  Instructor approval  Grades:  9-12
0400710  MUSICAL THEATER II
Prerequisite:  Musical Theater I, Instructor approval
0400720  MUSICAL THEATER III
Prerequisite:  Musical Theater II, Instructor approval
1 Performing Fine Art Credit each
In these courses, students will learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students survey the evolution of music in theatre from ancient Greece to modern Broadway. Students examine the contributions of major writers, composers, lyricists, and choreographers or musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time.

0400410  STAGECRAFT 1
Prerequisite:  None
1 Performing Fine Art Credit  Grades:  10-12
Students focus on developing the basic tools and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day to support, extend, and assess learning in the classroom.

TV PRODUCTION

8772110  TELEVISION PRODUCTION I
Prerequisite:  C average in English recommended
1 Performing Fine Art Credit  Grades:  9-10
Television Production I is designed to introduce students to television production techniques. The content will include television history and its role in mass media, different styles of script copy, television/videotape formats and their uses from broadcast to home applications. Students will be introduced to a variety of production roles and basic equipment use including lighting, audio and video recording systems. Students will also be introduced to studio facilities and basic editing techniques.
8772120  TELEVISION PRODUCTION II
Prerequisite: TV Production I, Instructor’s approval
1 Performing Fine Art Credit  Grades:  10-11
Television Production II is designed to be a follow-up to TV Productions I. Students will refine the application of theories learned in TV Production I. In addition, students will be exposed to advanced camera techniques, studio operations, and lighting techniques. Post-production techniques will be elaborated, including post-production audio, assemble and insert editing and advanced script writing.

8772130  TELEVISION PRODUCTION III
Prerequisite: TV Production I and II, Instructor’s approval
1 Elective Credit    Grades:  11-12
Television Production III is a follow-up course to TV Production I and II. Detailed operation of studio equipment will be offered. This will include editing with special effects, character generation, audio control systems, as well as, more elaborate field production techniques.

8772140  TELEVISION PRODUCTION IV
Prerequisite: TV Production I, II, III, Instructor’s approval
1 Elective Credit    Grades:  11-12
Television Production IV is a follow-up course to TV Production I, II, and III. Detailed editing techniques, special effects packages (including computer animation, paint box and morphing) is offered. Production is the main focus of TV Production IV.

8772150  TELEVISION PRODUCTION V
Prerequisite: Instructor’s approval
1 Performing Fine Art Credit  Grades:  11-12
This course will concentrate on the area of post-production and special effects creation centering around the program Final Cut Pro.

MUSIC

1303300  CHORUS 1
1303310  CHORUS 2
1303340  CHORUS 5 (HONORS)
1303350  CHORUS 6 (HONORS)
1303440  VOCAL ENSEMBLE I  (after school class)
1303450  VOCAL ENSEMBLE II  (after school class)
1303400  VOCAL TECHNIQUE
Prerequisite: Choral Director MUST sign registration form for proper placement
1 Perform Fine Art Credit Each  Grades:  9-12
The purpose of these courses is to provide students with instruction in the development of vocal technique and musicianship. Interpreting notation, singing with appropriate tone production, and performance techniques are demonstrated through varied choral literature. After school rehearsals and performances are required and are part of the grade.

1301320  GUITAR I
Prerequisite: Personal initiative. Students must have access to an acoustic guitar.
1 Performing Fine Art Credit  Grades:  9-12
This course is designed for those wishing to learn to read music with application to the guitar. Students will learn to read solos and chord accompaniments. Musical styles including jazz, folk, rock and classical will be studied. Emphasis will be placed on correct technique, reading notation and rhythms. Performance opportunities include classroom performance as well as a possible concert performance.

1302420  INSTRUMENTAL TECHNIQUES I    (BAND PERCUSSION)
1302430  INSTRUMENTAL TECHNIQUES II    (BAND PERCUSSION)
1302440  INSTRUMENTAL TECHNIQUES III    (BAND PERCUSSION)
1302450  INSTRUMENTAL TECHNIQUES IV    (BAND PERCUSSION)
Prerequisite: Band Director MUST sign registration form for proper placement
1 Performing Fine Art Credit Each  Grades:  9-12
This course is designed to sensitize students to the importance of rhythms of music. Rhythms of all styles of music will be discussed, watched, listened to and analyzed. Hands-on experience with various percussion instruments will be the central focus of the group activities. Students must provide a pair of drum sticks and a drum practice pad. Upon completion of this course, the student will have a working and playing knowledge of percussion instruments. Honors credit is available for students in their junior and senior years who participate in the FBA Solo & Ensemble Festival each February. A $60.00 mallet and stick fee is required from all students in this course.
BAND I
1302330  BAND III
1302340  BAND IV
1302350  BAND V (HONORS)
1302360  BAND VI (HONORS)
Prerequisite: Band Director MUST sign registration form for proper placement
1 Performing Fine Art Credit Each    Grades:  9-12
Band classes are designed to provide students with instruction in the application of musical and technical skills, as well as the development
of aesthetic awareness, through the study, rehearsal and performance of varied band literature. After school rehearsals and performance
are required.

1303300  AP MUSIC THEORY (See AP section of this Curriculum Guide.)

DANCE

0300310  DANCE TECHNIQUES I
0300320  DANCE TECHNIQUES II
Prerequisite: None
1 Performing Fine Art Credit each    Grades:  9-12
These courses are open to all students who are NOT part of the HunnyBear Dance Team. The courses provide students with opportunities
to acquire knowledge and skill in two or more styles of dance: ballet, modern, theater or tap. They also include knowledge of dance
terminology; knowledge of basic choreography of movement sequences; acquisition of technique.

0300400  HUNNY BEAR DANCE TEAM 1ST YEAR
0300410  HUNNY BEAR DANCE TEAM 2ND YEAR
0300420  HUNNY BEAR DANCE TEAM 3RD YEAR (HONORS)
0300430  HUNNY BEAR DANCE TEAM 4TH YEAR (HONORS)
Prerequisite: AUDITION REQUIRED. Instructor's approval and/or completion of previous course
1 Performing Fine Art Credit Each    Grades:  9-12

HUMANITIES

0900310  CLASSICAL HUMANITIES (HONORS)
Prerequisite: 11-12 None; 10 with signed approval of English II teacher
1 HONORS Elective Credit    Grades:  10-12
This course explores man’s need for creative expression. The course of study includes art, music, drama, architecture, religion, literature,
and philosophy from antiquity to the 1300’s.

0900320  MODERN HUMANITIES (HONORS)
Prerequisite: 11-12 None; 10 with signed approval of English II teacher
1 HONORS Elective Credit    Grades:  10-12
This course covers the study of art, music, drama, architecture, religion, literature, and philosophy from the Renaissance to the present

FILM

0400660  INTRODUCTION TO FILM
Prerequisite: None
.5 Performing Fine Art Credit    Grades:  9-12
In this course students will study contemporary movies which express themes, social conditions and cultural traditions relevant to
their everyday lives. Music-inspired movies, movies about teens overcoming obstacles to fulfill their dreams, and movies based on
inspirational sports stories will be included. Exploring the creative elements of film will help students to appreciate this and other related
art forms.
Most Physical Education courses require PE uniforms and athletic shoes. Many of the following courses also involve walking to Central Winds Park adjacent to WSHS.

1501300 PERSONAL FITNESS  
Prerequisite: WSHS PE T-shirt and black or purple shorts required.  
.5 Personal Fitness Credit Grades: 9-12  
Personal Fitness is designed to provide students with opportunities to develop an individual optimal level of physical fitness acquire knowledge of physical fitness concepts and acquire knowledge of the significance of lifestyle on one’s health and fitness. **THIS COURSE IS REQUIRED FOR GRADUATION.**

0800320 FIRST AID  
1502490 CARE AND PREVENTION OF ATHLETIC INJURIES  
Prerequisite: None  
.5 Elective and .5 Physical Education Credits Grades: 9-12  
The first semester of this block will be First Aid, the second semester Care and Prevention. This program is designed for the student who desires to pursue a career in medicine, physical therapy, nursing, athletic training, or other healthcare field. It will cover anatomy, injury types, first aid, wound care, CPR/AED, taping, triaging emergency situations, and detailed evaluation of injuries that occur in athletics and first aid situations. A strong interest in all sciences, especially anatomy is encouraged. Students will benefit from lab situations and hands-on experiences with regard to athletic training. There is a $5 fee for tape.

1503400 AEROBICS 1  
Prerequisite: None  
.5 Physical Ed Credit Each Grades: 9-12  
Aerobics classes are designed to provide students with the opportunities to develop individual optimal levels of cardiovascular fitness acquire knowledge of cardiovascular fitness concepts and acquire knowledge of the significance of cardiovascular fitness in one’s health.

1503350 TEAM SPORTS 1  
1503360 TEAM SPORTS 2  
Prerequisite: Team Sports 1  
.5 Physical Ed Credit Each Grades: 9-12  
Team Sports provides students with opportunities to acquire knowledge of the strategies of sports play and develop skills in selected competitive team sports while maintaining and/or improving their personal fitness.

1504500 TENNIS 1  
Prerequisite: Two cans of tennis balls required  
.5 Physical Education Credit Grades: 9-12  
The purpose of this course is to enable students to develop basic-level knowledge of skills in tennis and to maintain or improve health-related fitness.

1503310 BASKETBALL 1  
1503315 BASKETBALL 2  
Prerequisite: Basketball 1  
.5 Physical Ed Credit Each Grades: 9-12  
Basketball teaches basic knowledge and fundamental skills and techniques of the game. Emphasis will be placed on techniques, strategies, rules, safety practices, maintaining and/or improving personal fitness and competitive game play.

1502410 INDIVIDUAL AND DUAL SPORTS 1  
1502420 INDIVIDUAL AND DUAL SPORTS 2  
1502430 INDIVIDUAL AND DUAL SPORTS 3  
Prerequisite: IND & DUAL SPORTS 1  
Prerequisite: IND & DUAL SPORTS 2  
.5 Physical Ed Credit Each Grades: 9-12  
Individual and Dual Sports classes are designed to provide students with opportunities to acquire the knowledge of strategies in individual and dual sports play and develop skill in selected individual and dual sports while maintaining and/or improving their personal fitness. Examples include archery, badminton, racquetball, horseshoes, pickleball and bocce ball.
Volleyball provides students with opportunities to acquire knowledge and skills in the sport of volleyball while maintaining and/or improving their personal fitness. Emphasis is on skill development through drills, conditioning and competitive game play.

Weight Training provides students with opportunities to acquire basic knowledge and skill in weight training. Students will also pursue physical fitness activities, improve muscular strength, and enhance body image.

Beginning Power Weight Training will provide students with instruction in the basic lifts with an emphasis on power-developing exercises while maintaining and/or improving their personal fitness.

Comp Fitness is for members of specific sports teams. The coach’s approval is required for each semester of Comp Fitness. Comp Fitness can be designated Pass/Fail once the student has met the Physical Education graduation requirement.
All Digital and Web Design classes satisfy the graduation requirement of 1 credit of Performing Fine Arts.

DIG 2000 INTRODUCTION TO DIGITAL MEDIA - DUAL ENROLLMENT with SSC
Prerequisite: 11th or 12th grade with 3.5 GPA or Applied Technology teacher approval
1 Elective Credit  Grades: 11-12
Student will receive 3 college credits and high school credit. This course is taken at WSHS and counts like an AP class for GPA. This course explores the avenues of contemporary digital design, highlighting the importance of process, innovation and communication. Students will become familiar with design projects, ranging from traditional print, sophisticated Web sites, interactive digital media and motion graphics. The course will focus on developing and refining the design concept and the execution strategy (Photoshop, InDesign, Illustrator software). Industrial Certificate in Adobe InDesign, Illustrator & Photoshop can be accomplished at the end of this class.

GRA 2201 BITMAP GRAPHICS - DUAL ENROLLMENT with SSC
Prerequisite: 11th or 12th grade with 3.5 GPA or Applied Technology teacher approval
1 Elective Credit  Grades: 11-12
Student will receive 3 college credits as well as high school credit. This course is taken at WSHS and counts like an AP class for GPA. This course is an introduction to Photoshop software which provides an extensive variety of electronic tools for manipulating photographs and creating illustrations. The course is designed for the graphics individual who wishes to integrate photography with page layouts. Students will learn the basics of scanning, retouching, color correcting, proofing and output to printer devices. Industrial Certificate in Adobe Photoshop can be accomplished at the end of this class.

8207310 DIGITAL INFORMATION TECHNOLOGY (Formerly Computing for College and Careers)
Prerequisite: None
1 Elective Credit  Grades: 9-12
This course is designed to provide a basic overview of current business and information systems and trends and to introduce students to the basic skills and foundations required for today’s business environments. Emphasis is placed on developing proficiency with touch keyboarding and fundamental computer applications, so that they may be used as communication tools for enhancing personal and workplace proficiency in an information-based society. This course also includes proficiency with computers using databases, spreadsheets, presentation applications, and the integration of these programs using software that meets industry standards. Industrial Certificate in Microsoft Office can be accomplished during this class.

8212120 BUSINESS SOFTWARE APPLICATIONS I – Microsoft IT Academy
Prerequisite: Computing for College and Careers, Teacher approval
1 Elective Credit  Grades: 10-12
This course is designed to expand on the concepts and computer application programs introduced in Computing for College and Careers. Students will continue to improve their knowledge and computer skills in word processing, spreadsheets, databases, email, Internet browsers, multimedia presentations, web publishing and digital publishing. Industrial Certificate in Microsoft Office can be accomplished during this class.

8207210 PC SUPPORT
Prerequisite: Network Specialist Approval
1 Elective Credit  Grades: 10-12
This course focuses on system support, maintenance, and basic network concepts. The content includes computer software and hardware applications, basic networking including physical and logical network connectivity; and effective behaviors that contribute to customer satisfaction.

8209510 DIGITAL DESIGN I
Prerequisite: Computing for College and Careers, Business Software Applications, Teacher Approval or 3.0 GPA
1 Performing Fine Art Credit  Grades: 9-12
Students will learn to electronically create and publish newsletters, flyers, greeting cards, calendars, brochures, stationery and more in this multi-software course. Also, they will participate in a work-based learning experience (Photoshop, InDesign, & Illustrator software). Industrial Certificate in Adobe InDesign, Illustrator, Premier Pro & Photoshop can be accomplished at the end of this class. HIGHLY Recommend for anyone wanting to work on yearbook staff.
8209520  DIGITAL DESIGN II (HONORS)
Prerequisite: Digital Design I
1 Performing Fine Art Credit  Grades: 10-12
This course involves advanced electronic applications in creating and publishing real projects for teachers and staff such as tests, study
guides, forms, certificates, programs, and much more. Students must have a “can-do” attitude and be able to work independently,
cooperatively, and with confidentiality. Industrial Certificate in Adobe InDesign, Illustrator, Premier Pro & Photoshop can be
accomplished at the end of this class.

8209530  DIGITAL DESIGN III (HONORS)
Prerequisite: Digital Design II
1 Performing Fine Art Credit  Grades: 11-12
This course continues the development of industry-standard skills required for careers in the digital publishing industry. The content
includes the use of a variety of software and equipment to perform digital publishing and digital imaging activities. Industrial Certificate
in Adobe InDesign, Illustrator, Premier Pro & Photoshop can be accomplished at the end of this class.

8209540  DIGITAL DESIGN IV (HONORS)
Prerequisite: Digital Design III
1 Performing Fine Art Credit  Grades: 12
This course continues the development of industry standard skills required for careers in the digital publishing industry. The content
includes the use of a variety of software and equipment required to perform digital publishing and digital imaging activities. Students
will work on state-of-the-art computers and software. Students will learn skills useful for personal applications such as college/business
computer presentations as well as be prepared for full or part-time employment in the advertising and internet industry. Industrial
Certificate in Adobe InDesign, Illustrator, Premier Pro & Photoshop can be accomplished at the end of this class.

9001110  FOUNDATIONS OF WEB DESIGN I
Prerequisite: Computing for College and Careers, Business Software Applications I, Teacher Approval or 3.0 GPA
1 Performing Fine Art Credit  Grades: 9-12
This course is designed to provide a basic overview of the Internet, Intranet and WWW. The content includes operating systems; basic
HTML commands; navigation of the Internet, Intranet and Web; and Web page design (Photoshop, Dreamweaver, Premier Pro & Flash
software). Industrial Certificate in Adobe Photoshop, Dreamweaver, Premier Pro or Flash can be accomplished at the end of this class
for 11th and 12th grade students.

9001120  USER INTERFACE DESIGN (HONORS)
Prerequisite: Foundations of Web Design I
1 Performing Fine Art Credit  Grades: 10-12
This course provides advanced concepts for Internet, Intranet, and Web design. The content includes Internet tools, Web site promotion,
advanced HTML commands, Cascading Style Sheets, advanced page design, and multimedia applications (Photoshop, Dreamweaver,
Premier Pro & Illustrator software). Industrial Certificate in Adobe Photoshop, Dreamweaver, Premier Pro or Flash can be accomplished
at the end of this class for 11th and 12th grade students.

9001130  WEB SCRIPTING FUNDAMENTALS (HONORS)
Prerequisite: Web Design II
1 Performing Fine Art Credit  Grades: 11-12
This course provides advanced concepts in layout and design theory. The content includes use of advanced functions of Adobe
Dreamweaver, Flash and Fireworks. Industrial Certificate in Adobe Photoshop, Dreamweaver, Premier Pro or Flash can be accomplished
at the end of this class for 11th and 12th grade students.

9001140  MEDIA INTEGRATION ESSENTIALS (HONORS)
Prerequisite: Web Design III
1 Performing Fine Art Credit  Grade: 11-12
This course is designed to achieve proficiency in industry standard web graphic applications. The content includes use of advanced
functions of Adobe Dreamweaver, Flash, Fireworks and Adobe Photoshop. Industrial Certificate in Adobe Photoshop, Dreamweaver or
Flash can be accomplished at the end of this class for 11th and 12th grade students.
8201310 DIGITAL PHOTOGRAPHY 1
Prerequisite: None
1 Elective Credit Grades: 9-12
This course provides competencies in photographic history, the production process, intellectual property rights, camera systems, support equipment, basic photography and workflow applications. Students will learn the use of the primary camera controls and how to edit and print their photographs using Adobe Photoshop. Students will also learn the basic elements of outdoor natural light and outdoor sports photography. Industrial Certificate in Adobe Photoshop CC can be accomplished at the end of this class. Highly recommended for anyone wanting to work on the yearbook staff. Yearbook photographers should sign up for this class.

8201320 DIGITAL PHOTOGRAPHY 2
Prerequisite: Digital Photography 1
1 Elective Credit Grades: 10-12
Students will learn the use of the advanced camera controls and how to edit and print their photographs using Adobe Photoshop. Students will also learn the basic elements of studio lighting for portrait photography as well as indoor and outdoor sports photography. Industrial Certificate in Adobe Photography and Premier Pro can be accomplished at the end of this class. Highly recommended that you have a camera.

CAREER

CULINARY

8500355 NUTRITION & WELLNESS
Prerequisite: None .5 Elective Credit Grades: 9-12
The purpose of this course is to prepare students to understand the relationship between nutrition and wellness. The program also provides for selection, preparation, service and storage of foods. It allows students to use technology to practice meal management techniques directed toward nutritional food choices based on the life cycle. This course will provide an awareness of consumer issues relating to health and wellness.

8800510 CULINARY ARTS I Prerequisite: None Grades: 9-10
8800520 CULINARY ARTS II Prerequisite: B in Culinary Arts I, Instructor Approval Grades: 10-11
8800530 CULINARY ARTS III Prerequisite: B in Culinary Arts II, Instructor Approval Grades: 11-12
8800540 CULINARY ARTS IV Prerequisite: B in Culinary Arts III, Instructor Approval Grades: 11-12
1 Elective Credit Each, Culinary Arts III and IV offer credits in Performing Fine Arts and are Honors Level Courses.
This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards. The program also offers relevant technical knowledge and skills needed to prepare for further education and careers in the Hospitality and Tourism industry. It provides technical skill proficiency and competency-based applied learning that contribute to academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills. The content includes but is not limited to all aspects of preparation, presentation and serving of food; leadership, communication skills; and safe/efficient work practice. Laboratory activities are integral to this program.

HOSPITALITY AND TOURISM

8850110 INTRODUCTION TO HOSPITALITY AND TOURISM
Prerequisite: Computing for College and Careers or concurrent enrollment in CCC recommended 1 Elective Credit Grades: 9-10
The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

8845140 HOSPITALITY AND TOURISM PRINCIPLES I
Prerequisite: Intro to Hospitality and Tourism 1 Elective Credit Grades: 10-12
This course is a continuation of Intro to Hospitality and Tourism. The content includes coursework that prepares students for lifelong career growth in the diverse and dynamic industry. Emphasis will be placed on management, planning, finance, technical and production skills; underlying principles to technology; presentation skills; labor issues; community issues; and health, safety, and environmental issues as they relate to the hospitality and tourism industry. This is a business-oriented course that teaches the employability skills many colleges and potential employers look for in candidates.
HOSPITALITY AND TOURISM II
Prerequisite: Intro to Hospitality and Tourism, Hospitality and Tourism Principles I
1 Elective Credit Grades: 11-12
This course is an extension of the previous Hospitality courses building on the skills taught. Students will be directly involved in event planning and event marketing.

CONSTRUCTION

BUILDING TRADES AND CONSTRUCTION DESIGN 1  Prerequisite: None Grades: 9-10
BUILDING TRADES AND CONSTRUCTION DESIGN 2  Prerequisite: Build Trades 1 Grades: 10-11
BUILDING TRADES AND CONSTRUCTION DESIGN 3  Prerequisite: Build Trades 2 Grades: 11-12

The purpose of this program is to prepare students for employment in the building and construction industry. The program focuses on broad, transferable skills, stresses the understanding of the building industry and demonstrates elements of the industry. These elements include the following: planning, technical and production skills; underlying principles of technology; labor issues; community issues; and health, safety, environmental issues.

JOURNALISM

YEARBOOK I  Prerequisite: Digital Design I, previous or concurrent
YEARBOOK II  Prerequisite: Yearbook I
YEARBOOK III  Prerequisite: Yearbook II
YEARBOOK IV  Prerequisite: Yearbook III
NEWSPAPER I  Prerequisite: Digital Design I, previous or concurrent
NEWSPAPER II  Prerequisite: Newspaper I
NEWSPAPER III  Prerequisite: Newspaper II
NEWSPAPER IV  Prerequisite: Newspaper III

Prerequisite: Yearbook or Newspaper Advisor approval. Incoming 9th graders MUST have current English teacher approval.
1 Elective Credit Each Grades: 9-12
Yearbook and newspaper courses are intended to provide students with varying levels of practical experience in the production and electronic journalistic media. The following topics are important: production skills for various media; the history and ethics of journalism; applications and issues in photojournalism; organization and management techniques related to production of journalistic media; use of technology; analysis of journalistic media; and careers in journalism. After school obligations and ad sales are required. Industrial Certificate in Adobe InDesign, Illustrator, Premier Pro & Photoshop can be accomplished at the end of these classes.

INDUSTRIAL CERTIFICATIONS

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The Army JROTC program is a four-year program that affords students the opportunity for leadership development by emphasizing a strong sense of integrity, responsibility, respect for others, insight into ethical values and principles, the ability to live and work with others and respect for constitutional authority. The Leadership Education and Training (LET) complements the overall educational program and gives the students the opportunity to occupy leadership positions within the corps of cadets. The courses of instruction are not for the purpose of recruiting or training soldiers. No cadet incurs a military obligation of any sort. The mission of the JROTC program is to motivate young people to be better Americans. All students must possess a sincere intent to participate and comply with the rigorous requirements of the program or they will not satisfactorily complete this program of instruction. The benefits of advanced military promotions, if entering the services, and military scholarships for college are only awarded to those students truly earning them.

Leadership class is comprised of students who hold leadership positions on campus. The members of this class are involved in planning and organizing most student activities on campus. This class requires a significant amount of time outside of school as well as some field-trip time during school hours. Activities may include, but are not limited to, membership in School Improvement and School Advisory Council, Student Congress, Adopt-a-Road, and District Student Government. Student assessment will be based on the performance and successful completion of the aforementioned activities. This course also requires the dress code of the executive business world on certain occasions. This course will be offered pass/fail to students with a GPA of 4.0 and above. All other students will receive their earned letter grade in the course unless otherwise requested in writing by the student.

Life Management Skills is designed to provide instruction in nutrition, communicable diseases, emotional and environmental health. Also included will be personal health and hygiene, physical well being, drug use and abuse, personal relationships, human growth and development, family responsibilities, child abuse, and community resources. Safety, human sexuality, first aid and the fundamentals of CPR are included.

This course will prepare college-bound students to take standardized tests such as the PSAT/SAT and ACT. Students will work on advanced vocabulary development, reading comprehension and writing activities. Additional stress will be placed on developing study and organizational skills. In addition, students will learn problem-solving techniques for SAT and ACT math problems.

This course is a supervised on-site experience at WSHS. Students will assist teachers/administrators in both academic and problem-oriented situations. Weekly supervision and evaluation will be done by the supervising teacher/administrator.

The core of peer Counseling addresses skill building in communication, problem solving and decision making. Through assignments, role playing and skill building activities, peer counselors are trained to help their fellow students. Students who wish to enroll in Peer Counseling 1 need two teacher recommendation forms.
8121510 HORTICULTURE
Prerequisite: None
1 Elective Credit Grades: 9-12
Students will learn the basics of small scale agriculture. Students will plan and maintain a school vegetable garden. Tasks include watering, fertilizing, weeding, cultivating, tending, and harvesting. Hands on experience working in soil will necessitate occasional dressing out in clothes that can get dirty. The class goes outside every day.

2200330 AP STUDY HALL
Prerequisite: Current enrollment in 4 AP classes
0 Credit Grades: 11-12
This is a non-credit study hall for the committed AP student.

COMMUNITY SERVICE - (Volunteer Service)
Prerequisite: None
.5 Elective Credit Grades: 9-12
Students, do not put this on your registration card. All forms needed for Community Service are located on the WSHS website under “Guidance.” You need to consult your Guidance Counselor before starting this program so that you may receive the appropriate credit. This course will develop an appreciation of the concept of community service. This program will satisfy the community service requirement for the Florida Academic Scholars Award for Bright Futures. Refer to the WSHS website or the Guidance office for forms and additional information. This course will be offered pass/fail to students with a GPA of 4.0 and above. All other students will receive their earned letter grade in the course unless otherwise requested in writing by the student.

PLATO
PLATO is a performance-based computer-assisted instruction program designed for students who have not been academically successful in a traditional high school setting and/or have been identified as potential high school dropouts. These students take core academic instruction (English, Math, Science and Social Studies) self-paced via special computer programs. Electives and non-core academic classes are taken in traditional classes at Winter Springs High School. Support services may include tutoring, group counseling, career assessments, standardized test preparation, vocational training, incentive programs, internships, open-entry/open-exit opportunities and a mentoring. By design, this program provides students the opportunity to earn the credits required for a standard high school diploma. Eligibility: Candidates for PLATO must meet at least one of the following criteria:
1. Student has been retained at least one time and/or behind in credits.
2. Student has two or more “D’s” or “F’s” for the most current grading period.
3. Student has a cumulative GPA below 2.0.
4. Student is two or more years older than the average age for the grade level.
5. Student has a personal or family concern documented which interferes with academic success.

1900310 DRIVER EDUCATION (AFTER SCHOOL PROGRAM)
.5 Elective Credit
Prerequisite: Students must be 15 years old and hold a valid Learner’s permit
This program provides students with classroom instruction, range driving and on the road driving experience. The program is offered at Lyman, Seminole and Winter Springs High Schools, however, the program is open to any student in Seminole County. This is a semester long course. Students attend on either Mondays and Wednesdays or Tuesdays and Thursdays from 3:15-5:15 PM. Transportation is not provided.
* This program is a collaborative effort between Seminole County Government, the municipalities; METROPLAN Orlando and Seminole County Public Schools in an effort to better prepare our teen drivers and enhance the safety on our roadways. Applications are available in the Guidance Offices at each high school prior to each semester.
## EXCEPTIONAL STUDENT SERVICES

### High School Graduation Requirements for Students with Disabilities

Beginning with the 9th Grade Cohort in 2014-15, the option to receive a Special Diploma for Exceptional Student Education students with disabilities will no longer be available. Students who entered grade nine before 2014-15 school year and whose individual educational plan (IEP) as of June 20, 2014 contained a statement of intent to receive a special diploma may continue to work toward a special diploma. Diploma options will be discussed at the student’s Transition IEP meeting in order to make decisions on the various pathways available to students with disabilities including students with disabilities for whom the IEP team has determined that participation in Florida Alternate Assessment is the most appropriate measure of the student’s skills.

### Services

All ESE services require staffing eligibility. The following services are available as staffed by the district office:

- Specific Learning Disabilities
- Gifted
- Autism Spectrum Disorder
- Intellectual Disabilities
- Emotional Behavioral Disabilities
- Deaf and Hard of Hearing
- Visually Impaired
- Speech and Language Therapy
- Occupational Therapy
- Physical Therapy

#### LEVELS OF SUPPORT INCLUDE:

- **Consultation** - for students who are not enrolled in ESE classes but have an ESE teacher ‘check in’ with his/her regular education team monthly to monitor progress.
- **Social Personal Skills** - a daily course that offers a variety of interactions between teacher and students that help the students visualize their responsibilities at school, home, and in today’s society. A few major concepts are conflict resolution, appropriate classroom behavior, communication, social and personal development, and responsibility.
- **Support Facilitation** - a less restrictive service in which an ESE teacher supports a general education teacher on a scheduled weekly basis to support instruction and student learning.
- **Resource Instruction** - for students with skill levels significantly below grade level. The ESE teacher teaches general curriculum standards with extensive accommodations and modifications in a smaller group setting to achieve student mastery of academic skills. Course names and numbers will be provided by the student’s guidance counselor.

### Levels of Support

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**General Education Teacher**
- The primary source of instruction and/or contact for consultation.
- Focus is on general education curriculum and state benchmarks. Student plans to attend college, technical school for military for further education.
- Student academically working and performing independently at or above grade level.
- Student consistently/accurately completes assigned work with limited to no accommodations.

**Focus is on General Education Curriculum and State Benchmarks. Student Plans to Attend College, Technical School for Military for Further Education.**
- Focus is on general education curriculum and state benchmarks.
- Student plans to attend college, technical school for military for further education.
- Student has difficulty completing (grade level and other) assigned work even with accommodations.

**Student Academically Working and Performing Significantly Below Current Grade Level with Little or No Yearly Progress on FCAT.**
- Focus is on special education curriculum and state benchmarks in extensively accommodated/modified small group setting. Students plan to go to a tech school or go directly into a job after high school.
- Student academically working and performing significantly below current grade level with little or no yearly progress on FCAT.

**Consultation**
- For students who are not enrolled in ESE classes but have an ESE teacher ‘check in’ with his/her regular education team monthly to monitor progress.

**Social Personal Skills**
- A daily course that offers a variety of interactions between teacher and students that help the students visualize their responsibilities at school, home, and in today’s society. A few major concepts are conflict resolution, appropriate classroom behavior, communication, social and personal development, and responsibility.
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# High School Planning Guide

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**Additional Requirements:**
- Passing Scores on State Exams
- Cumulative GPA of 2.0