Oviedo High School's History of Earning an “A”

1998-1999
2000-2001
2001-2002
2002-2003
2003-2004
2004-2005
2006-2007
2007-2008
2008-2009
2009-2010
2010-2011
2011-2012
2012-2013
2013-2014
2015-2016
2016-2017
2017-2018
2018-2019
A Word From Our Principal

Oviedo High School has been rated an “A” school for the 17th year by the Florida DOE and we are excited to continue delivering a wonderful high school experience for our students. This school report outlines the key characteristics of our school from both an academic and non-academic perspective. I hope it helps you understand what makes Oviedo unique. Please reach out to us if you have any questions about our school.

Dr. Trent Daniel

Advanced Placement Test Performance

Oviedo High School administered 1846 Advanced Placement exams in 34 courses (at no cost to students). The most popular AP courses are English Language and Composition, Environmental Science, Human Geography, World History, and Psychology.

OHS had an average pass rate of 75% on AP exams. For comparison, the Florida pass rate was 51%, and the national pass rate was 57%.

SAT Scores

Class of 2019

All juniors and seniors at OHS get an opportunity to take the SAT at no cost.

The average Oviedo High School SAT score is 1072 out of 1440, higher than the Florida average of 1069.

PSAT Scores

2018-2019 Data

OHS students in 9-11th grade have an opportunity to take the PSAT at no cost.

OHS 10th graders had an average PSAT score of 969 out of 1520, higher than the Florida average of 896.

College Acceleration and Workforce Readiness

2018-2019 Data

63% of OHS students take some form of acceleration (college-level classes or industry certifications).

OHS also offers 21 industry certifications. Some of the most popular ones are Adobe Certified Associate (ACA) - Photoshop (Creative Cloud 2015 or later) and Adobe Certified Associate (ACA) - Premiere Pro. In total, students earned 684 industry certifications.

Graduation Success

2017-2018 Data

Oviedo High School had a 90% graduation rate.

During the 2017-2018 academic year, OHS had over 588 Bright Futures recipients, totalling over $3,946,320 in scholarships.

State Assessments

2018-2019 Data

Oviedo High School earned an A grade from the Florida DOE.
School Facts and Highlights

- OHS had a total enrollment of 2,402 students across grades 9-12 in 2018-19.
- OHS offers CTE programs such as Biotechnology, Culinary Arts, Automotive Repair, Interior Design, Early Childhood Ed, and TV Production.
- In 2017, 36% of OHS seniors qualified for Bright Futures and earned over $7 million in scholarships.
- OHS was ranked a top high school by US News & World Report and the Washington Post.
- OHS offers 29 Advanced Placement (AP) classes and boasts an AP exam pass rate far exceeding state, national, and global averages.
- Clubs offered include BETA, SECMIE, Mu Alpha Theta, Quill and Scroll, Debate, National Honor Society, FCA, Robotics, and Best Buddies.
- OHS has numerous athletic teams, including a state champion girls volleyball team and state champion boys bowling and swimming teams.

School Security

The safety and security of staff and students is a top priority in Seminole County Public Schools. We work closely with local, state, and federal agencies to ensure a safe environment for your child’s learning with a focus on preventative action. Our School Resource Officers are Michailinn Thompson, Karriem David and Officer Baker with the Oviedo Police Department.

The SpeakOut program provides three 24-hour monitored services that allows students, parents, or community members to anonymously report concerns. www.speakouthotline.org

82% of student respondents would recommend OHS

92% of parent respondents would recommend OHS

Here’s what students and parents say they like about OHS:

"The welcoming atmosphere and enthusiastic teachers. Great education and opportunities inside and outside of school."  
9th Grade Student

"It has great teachers and classes, and the students are friendly and take their education seriously. It also has a top-flight athletics program."  
10th Grade Student

"The environment is wonderful, people are very welcoming. It’s very clean and you are surrounded by incredible people."  
11th Grade Student

"I enjoy the atmosphere of the school. The campus has a nice layout and most of the teachers have your best interest at heart."  
12th Grade Student

"Overall quality of instruction and sense of community. Oviedo has done a great job of offering opportunities for everyone."  
10th Grade Parent

"The teaching staff is great. Very dedicated to the students. The diversity is great. I really like the feeling of community at the school."  
10th Grade Parent

"The teachers care and are the best there are, the administration is attentive, present, and caring, and the campus is clean."  
11th Grade Parent

"Good communication. Positive atmosphere. Safe environment. Excellent options and education programs for a variety of career paths and colleges."  
12th Grade Parent

Data sourced from student and parent surveys conducted by SCPS. Powered by www.datanautix.com. Last updated 10/21/19.
The Student Progression Plan (SPP) for Seminole County Public Schools serves as a guide to student progression, reflecting state statute, school district policies and administrative procedures. The SPP provides information regarding what a student must know and be able to do in order to be promoted, and what the school district has in place to assist the student in meeting promotion requirements. More information can be found at http://www.scps.k12.fl.us/_resources/documents/StudentProgressionPlan.pdf
Dual Enrollment

As per the Seminole County Public Schools Student Progression Plan, “Students enrolled in an approved dual enrollment course are exempt from the payment of registration, tuition, and laboratory fees for no more than nine credit hours per semester”. Requirements include: 3.0 unweighted GPA, College ready SAT, ACT, or PERT scores, and Principal approval (See p. 71 of SPP).

2020-21 Full-Time Virtual Education Enrollment Notice

Notice: For the 2020-21 school year, SCPS will provide full-time virtual instruction options to students in grades K-12. Enrollment will be open from Wed, April 1, 2020 to Mon, July 20, 2020. For more information, please see your school guidance counselor or visit http://virtualschool.scp.s12.fl.us/

Summer School

Summer School information for sessions 1 and 2 will be posted on the OHS and SCPS websites once they are determined.

Attendance is mandatory. Any student who is absent may be withdrawn from Summer School with no academic penalty (Examples: vacation, camps, etc.). Students should not register for summer school if they plan to miss any days.

- Summer School courses are offered to high school students by registration for remediation.
- Classes will be scheduled on a space available basis and the ability to hire a certified teacher.
- Students attend classes two days a week, either Monday and Wednesday or Tuesday and Thursday from 3:15-5:15. Transportation is not provided. There is no substitute on a curriculum equivalency basis, one JROTC credit for Physical Science to satisfy one of the science graduation requirement but not Personal Fitness.

Bright Futures and Gold Seal Scholarships

For information regarding the Bright Futures and Gold Seal Vocational Scholars Award, please visit the Florida Student Scholarship and Grant Programs website at: www.FloridaStudentFinancialAid.org/SSFAD/bf

All state scholarships, eligibility requirements and award amounts are subject to change pending legislative action.

NCAA Guidelines

Student athletes interested in participating in college athletics at any level are encouraged to visit the NCAA Eligibility Center website at www.eligibilitycenter.org

General Information

Course Waivers/Substitutions

Please consult the SCPS Student Progression Plan for information on waivers for the requirements for physical education, fine arts, and specific science courses prior to registration. Your school counselor can also provide you with more information.

Driver Education Program

An after school driver education program is offered each semester at Lyman, Seminole, and Winter Springs High Schools. The program includes classroom instruction, range driving, and on the road driving. Students must hold a valid Florida Learner’s License to be eligible for the program. Students that successfully complete the program earn 5 credit. The program is open to all students in Seminole County regardless of the high school that they attend.

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* 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.

Course

Athletic Participation: Students who participate in interscholastic sports at the junior varsity or varsity level for two years (two full seasons), shall satisfy the ½ credit of Personal Fitness and ½ credit of elective Physical Education.

Waiver/Substitution Applies to

- Physical Education graduation requirement including Personal Fitness

Marching Band: Completion with a grade of “C” or better of one semester in an official marching band class (Band 1-4), or in a physical activity class that requires participation in marching band activities as an extracurricular activity, shall satisfy the ½ credit of elective PE credit. The student must still take Personal Fitness.

- This waiver may not be combined with the waiver for Personal Fitness through athletic participation.

- Marching band season is the first semester of the year only

Dance: Students who complete a semester of dance may satisfy the ½ credit in Physical Education or ½ in Performing Fine Arts (may not count for both requirements). This may not be used to satisfy the Personal Fitness requirement or the requirement for adapted physical education under an IEP or 504 Plan.

- Physical Education graduation requirement but not Personal Fitness

NJROTC/Performing Fine Arts/Physical Education: Completion of two years in a ROTC class, a significant component of which is drills, shall satisfy the one credit requirement in physical education (not Personal Fitness) and the one credit requirement in Performing Fine Arts.

- Physical Education graduation requirement (not Personal Fitness) and Performing Fine Arts

NJROTC/Physical Education: A grade of “C” or better in a ROTC class, a significant component of which is drills, shall satisfy the ½ credit requirement in Physical Education. This may not be used to satisfy the Personal Fitness requirement or the requirement for adapted Physical Education under an IEP or 504 Plan.

- Physical Education graduation requirement but not Personal Fitness

JROTC/Marine Science: Upon completion of the JROTC Maritime Science program (Air Force, Coast Guard, or Navy), including Maritime Science 1, 2, 3, and 4, students may SUBSTITUTE on a curriculum equivalency basis, one JROTC credit for Maritime Science 1 to satisfy one of the three science requirements needed for graduation.

- Science graduation requirement

JROTC/Physical Science: Upon completion of the JROTC Naval Science program, including Naval Science 1, 2, and 3, or the JROTC Aerospace Science program including Aerospace Science 1, 2, and 3, students may SUBSTITUTE on a curriculum equivalency basis, one JROTC credit for Physical Science to satisfy one of the three science requirements needed for graduation.

- Science graduation requirement

2020-21 Full-Time Virtual Education Enrollment Notice

For information regarding the Bright Futures and Gold Seal Vocational Scholars Award, please visit the Florida Student Scholarship and Grant Programs website at: www.FloridaStudentFinancialAid.org/SSFAD/bf

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- Physical Education graduation requirement (not Personal Fitness) and Performing Fine Arts

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- Science graduation requirement

JROTC/Physical Science: Upon completion of the JROTC Naval Science program, including Naval Science 1, 2, and 3, or the JROTC Aerospace Science program including Aerospace Science 1, 2, and 3, students may SUBSTITUTE on a curriculum equivalency basis, one JROTC credit for Physical Science to satisfy one of the three science requirements needed for graduation.

- Science graduation requirement
### Pathway Requirements Class of 2021-2024

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, a diploma designed to rigorously prepare them for the university school to which they will apply, or a Diploma that will result in a high school diploma connected with industry certification and an Advanced Placement capstone diploma.

Seminole County offers the Florida Seal of Biliteracy, which recognizes a high school graduate who has attained a high level of competency in one or world languages in addition to English. Beginning with the 2016-2017 school year, the Gold Seal/Silver Seal of Biliteracy will be awarded to high school students who earn a standard diploma and who earn four world language course credits in the same world language with a cumulative grade point average of 3.0 or higher on a 4.0 scale and achieve a qualifying score on a world language assessment.

The Advanced Placement Capstone Diploma is now being offered in partnership with College Board. Students who specialize in Advanced Placement courses and satisfactorily complete the AP Seminar, AP Research and four additional AP courses as determined by College Board are eligible for the AP Capstone Diploma. This diploma option is being offered at all Seminole County Public High Schools with the exception of Crooms Academy of Information Technology.

In the subsequent chart, 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 AP Capstone Pathway and Scholars with Distinction Pathway. These very rigorous Pathways will challenge even the most talented and dedicated students to an even higher level of academic

#### SEMINOLE COUNTY PUBLIC SCHOOL'S DIPLOMA PATHWAYS

<table>
<thead>
<tr>
<th>Diploma Pathway</th>
<th>Requirements (must include (1) online course)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD DIPLOMA PATHWAY</strong></td>
<td>English Credits (English 1 – English 4) or equivalent accelerated course(s)-4 credits</td>
</tr>
<tr>
<td></td>
<td>Math Credits Grades (9-12) (must include Algebra 1 and Geometry)-4 credits</td>
</tr>
<tr>
<td></td>
<td>Science Credits (must include Biology 1, (3) courses must contain a lab component, and 2 Equally Rigorously Courses)-4 credits</td>
</tr>
<tr>
<td></td>
<td>Social Studies (must include World History, US History, 0.5 US Government &amp; 0.5 Economics)-3 credits</td>
</tr>
<tr>
<td></td>
<td>Fine or Performing Arts, Speech and Debate or Practical Art-1 credit</td>
</tr>
<tr>
<td></td>
<td>Personal Fitness and PE Effective-1 credit</td>
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<tr>
<td></td>
<td>Elective Credits-9 credits</td>
</tr>
<tr>
<td></td>
<td><strong>An approved Computer Science course may take the place of a math or a science credit</strong></td>
</tr>
<tr>
<td><strong>TESTING REQUIREMENTS</strong></td>
<td>Passing Score on: Grade 10 ELA FSA or concordant score and Algebra 1 EOC or comparative score</td>
</tr>
<tr>
<td><strong>SCHOLARS DIPLOMA PATHWAY</strong></td>
<td>*Earn (1) credit in Statistics or equally rigorous mathematics course</td>
</tr>
<tr>
<td></td>
<td>*Earn (1) credit in Algebra II or equally rigorous mathematics course</td>
</tr>
<tr>
<td></td>
<td>*Earn (1) credit in Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td>*Earn (1) credit in science course equally rigorous to Chemistry or Physics</td>
</tr>
<tr>
<td></td>
<td>*Earn (2) credits in the same world language course</td>
</tr>
<tr>
<td></td>
<td>*Earn (1) credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, or Dual Enrollment course</td>
</tr>
<tr>
<td><strong>TEST REQUIREMENTS</strong></td>
<td>SAME AS THE STANDARD DIPLOMA</td>
</tr>
<tr>
<td><strong>SCHOLARS DIPLOMA PATHWAY REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Satisfactory completion of AP courses as determined by the College Board</td>
</tr>
<tr>
<td></td>
<td>*Satisfactory completion of the AP Research course as determined by College Board</td>
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<td>*Satisfactory completion of the AP Seminar course as determined by College Board</td>
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<td><strong>TEST REQUIREMENTS</strong></td>
<td>SAME AS THE SCHOLARS DESIGNATION PATHWAY</td>
</tr>
<tr>
<td><strong>SCHOLARS WITH DISTINCTION DIPLOMA PATHWAY</strong></td>
<td>*Cumulative Weighted Grade Point Average of 3.75 or higher</td>
</tr>
<tr>
<td></td>
<td>* (3) consecutive years in the same world language</td>
</tr>
<tr>
<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>* (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>SAME AS THE SCHOLARS DESIGNATION PATHWAY</td>
</tr>
<tr>
<td><strong>CTE (Career and Technical Education) PATHWAY</strong></td>
<td><strong>REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>REQUIREMENTS OF ASCHOLARS DESIGNATION PATHWAY PLUS:</strong></td>
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<td>SAME AS THE STANDARD DIPLOMA</td>
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<tr>
<td><strong>MERIT DIPLOMA PATHWAY</strong></td>
<td><strong>REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>TEST REQUIREMENTS</strong></td>
</tr>
<tr>
<td><strong>BILITERACY DIPLOMA</strong></td>
<td><strong>REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>TEST REQUIREMENTS</strong></td>
</tr>
<tr>
<td><strong>ADVANCED PLACEMENT CAPSTONE DIPLOMA</strong></td>
<td><strong>REQUIREMENTS OF A STANDARD DIPLOMA PLUS:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>TEST REQUIREMENTS</strong></td>
</tr>
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</table>

**An approved Computer Science course may take the place of a math or a science credit**

**Satisfactory completion of AP courses as determined by the College Board**

**Satisfactory completion of the AP Research course as determined by College Board**

**Satisfactory completion of the AP Seminar course as determined by College Board**

**Satisfactory completion of four additional AP courses as determined by College Board**

**Satisfactory completion of AP courses as determined by the College Board**

---

**Industry Certifications that lead to college credit substitutes for up to one science credit (except for Biology 1).**

**Industry Certifications that lead to college credit substitutes for up to two mathematics credits (except for Algebra 1 and Geometry).**

**Industry Certifications that lead to college credit substitutes for up to two mathematics credits.**

**Industry Certification courses which lead to college credit may be substituted for up to 2 math credits and/or 1 science credit excluding Algebra 1, Geometry, and Biology.**

**Attain one or more Industry Certifications from the list established under S. 1003.492 F. S.**

**Earn (2) credits in the same world language course**

**Earn (1) credit in Advanced Placement, International Baccalaureate, an Advanced International Certificate of Education, or Dual Enrollment course**

**Industry Certification courses which lead to college credit may be substituted for up to 2 math credits and/or 1 science credit excluding Algebra 1, Geometry, and Biology.**

**Cumulative Weighted Grade Point Average of 3.75 or higher**

**Earn a cumulative grade point average of 3.0 or higher on a 4.0 scale**

**Earn a qualifying score on a world language assessment**

**Qualifying score on a world language assessment**

---

**Satisfactory completion of the AP Seminar course as determined by College Board**

**Satisfactory completion of the AP Research course as determined by College Board**

**Satisfactory completion of four additional AP courses as determined by College Board**

---

**Attain one or more Industry Certifications from the list established under S. 1003.492 F. S.**

**Earn (2) credits in the same world language course**

**Earn (1) credit in science course equally rigorous to Chemistry or Physics**

**Physical Education is not required**

**Fine and Performing Arts, Speech and Debate or Practical Arts is not required**

**Online course is not required**

---

**Satisfactory completion of AP courses as determined by the College Board**

**Satisfactory completion of the AP Research course as determined by College Board**

**Satisfactory completion of the AP Seminar course as determined by College Board**

---

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**Satisfactory completion of AP courses as determined by the College Board**
<table>
<thead>
<tr>
<th>4 Credits English Language Arts (ELA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- ELA I, II, III, IV</td>
</tr>
<tr>
<td>- ELA honors, Advanced Placement (AP), Advanced International Certificate of Education (AICE), International Baccalaureate (IB) and dual enrollment courses may satisfy this requirement.</td>
</tr>
<tr>
<td>- Must earn credits for all of the courses listed in the first column</td>
</tr>
<tr>
<td>- May substitute a CTE course with content related to English for English IV after a student study team review</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4 Credits Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>- One of which must be Algebra 1 and one of which must be Geometry</td>
</tr>
<tr>
<td>- Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry)</td>
</tr>
<tr>
<td>- Approved Computer Science courses can substitute for a math credit (except for Algebra I and Geometry)</td>
</tr>
<tr>
<td>- Must earn credits for all of the courses listed in the first column</td>
</tr>
<tr>
<td>- May substitute a CTE course with content related to mathematics for one mathematics credit after a student study team review (except for EOC courses: Algebra I and Geometry)</td>
</tr>
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<td>- Approved Computer Science courses can substitute for a math credit (except for Algebra I and Geometry)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>4 Credits Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>- One of which must be Biology I, two of which must be equally rigorous science courses.</td>
</tr>
<tr>
<td>- Two of the three required credits must have a laboratory component</td>
</tr>
<tr>
<td>- An Industry certification that leads to college credit substitutes for up to one science credit (except for Biology I)</td>
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<table>
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<tr>
<th>3 Credits Social Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 1 credit World History</td>
</tr>
<tr>
<td>- 1 credit in U.S. History</td>
</tr>
<tr>
<td>- .5 credit in U.S. Government</td>
</tr>
<tr>
<td>- .5 credit in Economics</td>
</tr>
<tr>
<td>- Must earn credits for all of the courses listed in the first column</td>
</tr>
<tr>
<td>- May substitute a CTE course with content related to social studies for one social studies course after a student study team review (except for EOC course: U.S. History)</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>1 Credit Fine and Performing Arts, Speech and Debate, or Practical Arts**</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Online Course (IEP Team may waive if appropriate)</td>
</tr>
<tr>
<td>- Student may also earn a nationally-recognized industry certification in information technology.</td>
</tr>
<tr>
<td>- Must include .5 credit in an employment based course (OJT is a possibility)</td>
</tr>
<tr>
<td>- May include ESE courses</td>
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<td>- Online Course (IEP Team may waive if appropriate)</td>
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<table>
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<tr>
<th>9 Elective Credits</th>
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<td>- Online Course (IEP Team may waive if appropriate)</td>
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<table>
<thead>
<tr>
<th>1 Credit Physical Education to include Personal Fitness</th>
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Parents must be notified before a student may take access courses.

**Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory.
The Advanced Placement Program at Oviedo High School

Our policy at Oviedo High School is to encourage the highest level of rigor at which a student can succeed. Each subject area has its own sequence of courses, but a student may choose to attempt a course at a higher grade level than suggested and does not have to accelerate in every subject area. It is suggested students attempt the courses which line up with their academic areas of strength. Students are advised to collaborate with their teachers and guidance counselor in making course selection decisions to promote balance and success in the program.

**Most Rigorous Course of Study in Advanced Placement**

Each course sequence below is an example of the highest level of rigor a student can achieve through strictly Advanced Placement courses within a curriculum area. All Advanced Placement courses in core areas will meet graduation requirements unless otherwise noted.

### THE AP CAPSTONE

Beginning in the 2016-2017 school year, Oviedo offered an innovative new diploma program called AP Capstone(TM). This 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 newly-developed AP courses. These two new 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 three or higher on the respective AP exams, students will receive the AP Capstone diploma.

**AP Courses will not be dropped from your schedule at any time during the year. If a course must be dropped because of an extenuating circumstance, then a (W) for withdrawal will appear on your transcript. Make sure you have researched and selected your classes appropriately.**

#### Sequences for Students Strong in Language Arts:

This student’s strength area is in reading and writing. The student’s PSAT score should be a 44 or higher on the respective AP exams, students will receive the AP Capstone diploma. Students are assessed through two thorough--course performance tasks and a written exam.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>English 1 Honors (grade of A or B)</td>
</tr>
<tr>
<td>10th</td>
<td>English 2 Honors (grade of A or B)</td>
</tr>
<tr>
<td>11th</td>
<td>AP English Language &amp; Composition</td>
</tr>
<tr>
<td>12th</td>
<td>AP English Literature &amp; Composition</td>
</tr>
</tbody>
</table>

**Prerequisite:** Successful completion of AP Seminar with a “C” or higher classroom average.

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.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th</td>
<td>English 1 (grade of A)</td>
</tr>
<tr>
<td>11th</td>
<td>English 2 Honors (grade of A or B)</td>
</tr>
<tr>
<td>12th</td>
<td>English 3 Honors (grade of A or B)</td>
</tr>
<tr>
<td>11th</td>
<td>AP English Language &amp; Composition</td>
</tr>
</tbody>
</table>

**Prerequisite:** Completion of an AP course with an “A” or “B” classroom average.

This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicative 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 thorough--course performance tasks and a written exam.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th</td>
<td>AP Research</td>
</tr>
<tr>
<td>11th</td>
<td>AP Research</td>
</tr>
</tbody>
</table>

**Sequences for Students Strong in Social Studies:**

Students with a grade of A or B in English 1, 2, 3, Honors can also consider 11th or 12th grade AP European History and/or AP Psychology. These courses do not substitute for a graduation requirement in Social Studies.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>World Cultural Geography/AP Human Geography</td>
</tr>
<tr>
<td>10th</td>
<td>AP World History (grade of A or B)</td>
</tr>
<tr>
<td>11th</td>
<td>AP United States History (grade of A or B)</td>
</tr>
<tr>
<td>12th</td>
<td>AP Macroeconomics/AP United States Government and Politics</td>
</tr>
</tbody>
</table>

**Sequences for Students Strong in World Language:**

Students may take any of the World Language sequences, starting with level 1.

<table>
<thead>
<tr>
<th>Language</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>French 1</td>
<td>Italian 1</td>
</tr>
<tr>
<td>French 2</td>
<td>Spanish 1</td>
</tr>
<tr>
<td>French 3</td>
<td>Spanish 2</td>
</tr>
<tr>
<td>AP French Language</td>
<td>Spanish 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Language</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italian 1</td>
<td>AP Italian Language</td>
</tr>
<tr>
<td>Spanish 2</td>
<td>AP Spanish Language</td>
</tr>
<tr>
<td>Spanish 3</td>
<td>AP Spanish Literature</td>
</tr>
</tbody>
</table>
Sequences for Students Strong in Math:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Geometry Honors (grade of A or B)</td>
</tr>
<tr>
<td>10th</td>
<td>Algebra 2 Honors (grade of A or B)</td>
</tr>
<tr>
<td>11th</td>
<td>Precalculus or Precalculus and AP Statistics</td>
</tr>
<tr>
<td>12th</td>
<td>AP Calculus AB / AP Calculus BC / AP Statistics</td>
</tr>
</tbody>
</table>

Sequences for Students Strong in Science: Students interested in the Advanced Placement science program should consider taking the following AP/Honors courses. For students with a strong interest in science, OHS offers the Bioscience Technology Program of Emphasis for students who want to specialize in biomedical science and/or research, as well as a four-year course of study with Experimental Research where students work on independent research projects in order to compete in the Science Fair (students can register for Level 1 of these courses at any time in high school during the registration process). Students who are interested in engineering fields should begin the AP Physics track in their 10th grade year.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Biology 1 Honors / Chemistry 1 Honors (if Biology 1 was taken in 8th grade) / Biotechnology 1 / Exp. Research 1</td>
</tr>
<tr>
<td>10th</td>
<td>AP Physics 1 / AP Biology / Chemistry 1 Honors / AP Chemistry / Biotechnology 2 / Exp. Research 2</td>
</tr>
<tr>
<td>12th</td>
<td>AP Physics 2 / AP Physics C / AP Environmental Science / AP Biology / AP Chemistry / Biotechnology 4 / Exp. Research 4</td>
</tr>
</tbody>
</table>

Sequences for Students Strong in the Fine Arts: The Advanced Placement art courses are for students who are artistically inclined in the areas of 2- or 3-dimensional art or music. Students should have been high achieving in art courses prior to Advanced Placement and should have begun building a portfolio of work in the case of 2-D and 3-D Art and Drawing. It is also recognized students may take other art electives not listed in the example below. For the best advisement please see a guidance counselor.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Art 2-D / Painting, Drawing, and Photography</td>
</tr>
<tr>
<td>10th</td>
<td>Painting 2 / Drawing 2 / Photo 2</td>
</tr>
<tr>
<td>11th</td>
<td>Portfolio 1 / Photo 3 Honors</td>
</tr>
<tr>
<td>12th</td>
<td>AP Art 2-D / AP Art 3-D / AP Drawing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11th or 12th</td>
<td>AP Art History (suggested for artistic student interested in studying the historical aspects of art for inspiration)</td>
</tr>
<tr>
<td>11th or 12th</td>
<td>AP Music Theory (should have a background in music and meet with the instructor)</td>
</tr>
</tbody>
</table>

**AP COMPUTER SCIENCE PRINCIPLES**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9-12</td>
</tr>
</tbody>
</table>

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. The AP assessment includes a written research project and a coding project.

**AP COMPUTER SCIENCE A**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10-12</td>
</tr>
</tbody>
</table>

Prerequisite: Successful completion of AP Computer Science Principles.

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.
What is Bioscience Technology?
Bioscience includes more than just biotechnology. It encompasses all branches of science dealing with the structure and behavior of living organisms. By understanding the function of living things, products can be made or modified for a specific use to benefit society.

Why Bioscience Technology?
Florida is one of the fastest growing biotech centers and is home to more than 9% of the nation's 1,450 bio tech firms including:
- The Max Planck Institute of Bio-Imaging, Hussman Institute for Human Genomics, VGTI, Florida Scripps Research Institute, and the Sanford Burnham Research Institute

Bioscience Technology Includes:
- Medicine and Health
- Engineering and Manufacturing
- Marine Science
- Agriculture
- Research and Development
- Supplies and Services
- Business Development
- Legal - Patent and Business Law

Wide Range of Job Opportunities:
- Medicine
- Veterinary Medicine
- Biology
- Chemistry
- Forensics
- Computer Science
- Engineering
- Law

Florida Ranking:
- Florida ranks third in the nation for its number of FDA recognized medical device establishments, trailing number two New York, by a mere six companies.
- Part of the Nation's second largest University, UCF College of Medicine houses the Burnett School of Biomedical Sciences which includes a research intensive medical school that ranges from laboratory “bench” science to patient bedside.
- The Central Florida Research Park at UCF is one of the country’s top 10 research facilities.
- Florida’s High Tech Corridor employs more than 9,000 people with an average salary of nearly $49,000 annually.
- The Institute of Food and Agricultural Sciences at the University of Florida is the research and development center for the state’s natural resource industries that have an excess of a $100 billion annual impact and is ranked #1 in the nation by the NSF.

ACADEMY NAME: Bioscience Technology
PROGRAM NAME: Industrial Biotechnology
PROGRAM NUMBER: 8736000

PROGRAM DESCRIPTION: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the medical, agricultural, marine and industrial biotechnology fields. Students will learn the principles, methodologies, and applications of equipment such as thermocyclers, horizontal gel electrophoresis apparatus, micropipettes, spectrophotometers, centrifuges, etc. Students will gain proficiency in calculating, preparing, and pH control of common lab reagents, solutions, buffers, and agarose gels. Students will learn the principles of qualitative and quantitative analysis using biomolecular indicators, spectrophotometry, and standard curves.

Industrial Biotechnology is a program offering students science credit through an applied science education, to prepare them for entry level positions in the cutting edge industry of Biotechnology. While meeting the state standards for science, the coursework will focus on developing science and bio-technical skills that are current and in demand for this rapidly growing occupation.

INDUSTRY CERTIFICATIONS: Biotechnician Assistant, ExCPT Pharmacy Technician Certification

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>REGISTRATION CODE</th>
<th>LEVEL</th>
<th>SCIENCE</th>
<th>PREREQUISITE/SUCCESSFUL COMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotechnology 1</td>
<td>3027010</td>
<td>Honors</td>
<td>Yes</td>
<td>Biology Honors (or taken concurrently)</td>
</tr>
<tr>
<td>Biotechnology 2</td>
<td>3027020</td>
<td>Honors</td>
<td>Yes</td>
<td>Biotechnology 1 Geometry Honors</td>
</tr>
<tr>
<td>Biotechnology 3</td>
<td>8736030</td>
<td>Honors</td>
<td>Elective</td>
<td>Biotechnology 2 Algebra 2 Honors</td>
</tr>
<tr>
<td>Biotechnology 4</td>
<td>8736030D</td>
<td>Honors</td>
<td>Elective</td>
<td>Biotechnology 3</td>
</tr>
</tbody>
</table>
### Suggested Sequence of English Courses

<table>
<thead>
<tr>
<th>AP</th>
<th>Honors</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>English 1 Honors</td>
<td>English 1 Standard</td>
</tr>
<tr>
<td>10</td>
<td>English 2 Honors</td>
<td>English 2 Standard</td>
</tr>
<tr>
<td>11</td>
<td>English 3 Honors</td>
<td>English 3 Standard</td>
</tr>
<tr>
<td>12</td>
<td>English 4 Honors</td>
<td>English 4 Florida College Prep</td>
</tr>
</tbody>
</table>

#### Summer reading assignments are required for all English courses. Prior to summer vacation, visit the OHS website for information regarding every reading assignment.

### Summer Reading Assignments

**English 1**
- **ENGLISH 1001310 (Standard)**
  - 1 Credit
  - This course provides instruction in the fundamentals of grammar, writing, vocabulary, and literature including non-fiction, the short story, poetry, drama, and the novel. Applied technical strategies are used to enhance oral and written communication and higher level thinking skills.

**English 2**
- **ENGLISH 1001340 (Standard)**
  - 1 Credit
  - This course 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 informational and argumentative writing, literary genre, and world literature with applied technical communication strategies. Students complete practical activities reinforcing skills that will be tested on the High School Competency Test.

**English 3**
- **ENGLISH 1001370 (Standard)**
  - 1 Credit
  - In this course, students will focus on American Literature by reading texts of high complexity. Students will integrate reading, writing, speaking, listening, and research in order to be college and career ready.

**English 4**
- **ENGLISH 1001405 Florida College Prep (Standard)**
  - 1 Credit
  - This course incorporates reading and writing study through writing a variety of informative text using grade-level writing craft and though the in-depth reading and analysis of informational selections. Students will develop critical reading and writing skills necessary for success in college courses. This course provides students for successful completion of Florida College English courses. The benchmarks 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 Common Core Standards.

**AP English Language and Composition**
- **ENGLISH 1001410 (Honors)**
  - 1 Credit
  - In this course, 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 to create written and oral products. An emphasis is placed on communication skills within the context of career, workplace, and community.

**AP English Literature and Composition**
- **ENGLISH 1001430 (Honors)**
  - 1 Credit
  - This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. 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. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities. This course will meet graduation requirements for English.

**AP Language and Composition**
- **ENGLISH 1001420**
  - 1 Credit
  - Prerequisite: Participation in AP Information Night is highly recommended.

**English 1 Through ESOL**
- **ENGLISH 1002300**
  - 1 Credit
  - The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The course requirements are consistent with English 1, course number 1001310. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course. This course meets the graduation requirement for English.

**English 2 Through ESOL**
- **ENGLISH 1002310**
  - 1 Credit
  - The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The course requirements are consistent with English 2, course number 1001340. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course. This course meets the graduation requirement for English.

**English 3 Through ESOL**
- **ENGLISH 1002320**
  - 1 Credit
  - The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The course requirements are consistent with English 3, course number 1001370. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course. This course meets the graduation requirement for English.

**English 4 Through ESOL**
- **ENGLISH 1002520**
  - 1 Credit
  - The purpose of this course is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language and literature. The course requirements are consistent with English 4, course number 1001400. The district shall provide appropriate instructional strategies to meet the needs of ESOL students enrolled in this course. This course meets the graduation requirement for English.

**Developmental Language Arts Through ESOL**
- **ENGLISH 1002381BA Beginners**
- **ENGLISH 1002381A 9th Grade Intermediate**
- **ENGLISH 1002381A 10th Grade Intermediate**
- **ENGLISH 1002381A 11th Grade Advanced**
- **ENGLISH 1002381AD 12th Grade Advanced**

1-4 Credit
- This course does not satisfy English graduation requirements. This course is designed for students who are in the beginning to intermediate stages of English language development or those with little or no previous school experience. Students at this level demonstrate a limited or no understanding of spoken English. Students will be placed in the appropriate level based on teacher assessment.

In addition to their English course, it is strongly recommended for level 1 students to take an Intensive Reading class. Level 2 students are recommended to receive reading support through either an Intensive Reading class or a regular education class taught by a NGCAR-PD credentialed teacher.
**ALGEBRA 1**

1 Credit
1204000A

This course covers topics necessary for successful completion of Algebra 1. The Math Lab is designed to support students who are struggling in Algebra 1 by providing daily reinforcement of the content that is covered in the student’s primary math class. The content is adapted to the individual needs of each student. The class meets in a small group setting, with modified pace and instruction, so as to ensure mastery of the topics covered. The instructor of this course will be working closely with the Algebra 1 instructors when creating curriculum. This course must be taken in conjunction with Algebra 1. Students will be placed in the course by invitation. Since this is a second math class, there is no homework assigned in the math lab. Removal from class will require administrative approval.

**Geometry Honors**

1 Credit
1203700

This course is designed to provide the foundation for future secondary mathematics courses and develop skills needed to solve mathematical problems. Topics shall include, but are not limited to: functions, linear equations and inequalities, systems of linear equations and inequalities, polynomials, simplifying radical and rational expressions, solving and graphing quadratic equations, and linear regression analysis including residuals and introductory probability. This course is taught using a TI 30Xa calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

Geometry is required for high school graduation and students must pass the FSA exam.

**Calculus Honors**

1 Credit
1206320L (GIFTED)

This course is designed to prepare students to be successful in AP Calculus. This course will be taught using a TI graphing calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Pre-Calculus Honors**

1 Credit
1206300L (GIFTED)

Prerequisite: Algebra 1 Honors. 1 Credit
9-12
This course includes a rigorous, in-depth study of all the Geometry topics as well as, but is not limited to: drawing in-depth constructions, applying Cavalieri’s principle, proving and applying laws of sines and cosines in non-right triangles, and conic sections. This course is taught using a TI 30Xa calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

Geometry is required for high school graduation and students must complete the FSA exam.

**AP Calculus**

1 Credit
1206310

Prerequisite: Calculus Honors.
9-12
This course covers topics necessary for successful completion of Geometry. The Math Lab is designed to support students who are struggling in Geometry by providing daily reinforcement of the content that is covered in the student’s primary math class. The content is adapted to the individual needs of each student. The class meets in a small group setting, with modified pace and instruction, so as to ensure mastery of the topics covered. The instructor of this course will be working closely with the Geometry instructors when creating curriculum. This course must be taken in conjunction with Geometry. Students will be placed in the course by invitation. Since this is a second math class, there is no homework assigned in the math lab. Removal from class will require administrative approval.

Geometry is required for high school graduation and students must complete the FSA exam.

**Calculus Honors**

1 Credit
1206320L (GIFTED)

Prerequisite: Algebra 1 Honors.
9-12
This course is designed to provide a rigorous, in depth foun- dation for the study of Calculus. Topics include, but are not limited to, analysis of algebraic, exponential, polynomial, rational, logarithmic, and trigonometric functions, applica- tion of intermediate and extreme value theorems, analytic geometry, vectors, polar and parametric equations, and the complex number system. Infinite series, including an introduction to limits and continuity, will be explored. This course is designed to prepare students for success in AP Calculus. This course will be taught using a TI 84 graphing calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Probability and Statistics W/Applications**

1 Credit
1202340

Prerequisite: Algebra 2 Honors.
9-12
This course is designed to provide a rigorous, in depth foun- dation for the study of Calculus. Topics include, but are not limited to, analysis of algebraic, exponential, polynomial, rational, logarithmic, and trigonometric functions, application of intermediate and extreme value theorems, analytic geometry, vectors, polar and parametric equations, and the complex number system. Infinite series, including an introduction to limits and continuity, will be explored. This course is designed to prepare students for success in AP Calculus. This course will be taught using a TI 84 graphing calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Algebra 2 Honors**

1 Credit
1206330

Prerequisite: Pre-Calculus Honors.
9-12
This course covers the Algebra 2 topics. These include, but are not limited to, an in-depth study of graphing functions, solving equations and modeling relations. This includes linear, quadratic, exponential, polynomial, rational, trigonometric and radical functions. Additional topics studied in this course include, but are not limited to: functions, extending relations to models, and solving complex equations, including solving exponential equations using properties of logarithms and trigonometry. Topics in probability & statistics will also be covered. Algebra 2 Honors (Gifted) is designed to prepare students to be successful in Pre-Calculus. This course is taught using a scientific calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Probability and Statistics**

1 Credit
1202300

This course is designed to give the student the tools needed to examine real-life statistical problems and apply reasonable, theoretical practices to real-life applications. Topics include, but are not limited to, 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. This course will be taught using a TI-84 graphing calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Algebra 2**

1 Credit
1206320

This course is designed to prepare students for success in Probability and Statistics. Students will learn to analyze data, draw conclusions, and communicate those conclusions effectively. The course will cover topics such as: probability, statistics, and various methods of data analysis. Students will learn to apply statistical concepts to real-world situations.

**Algebra 2 Honors**

1 Credit
1206330

Prerequisite: Pre-Calculus Honors.
9-12
This course covers the Algebra 2 topics. These include, but are not limited to, an in-depth study of graphing functions, solving equations and modeling relations. This includes linear, quadratic, exponential, polynomial, rational, trigonometric and radical functions. Additional topics studied in this course include, but are not limited to: functions, extending relations to models, and solving complex equations, including solving exponential equations using properties of logarithms and trigonometry. Topics in probability & statistics will also be covered. Algebra 2 Honors (Gifted) is designed to prepare students to be successful in Pre-Calculus. This course is taught using a scientific calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**Algebra 1 Honors**

1 Credit
1206320L (GIFTED)

Prerequisite: Algebra 1 Honors. 1 Credit
9-12
This course includes a rigorous, in-depth study of all the Algebra 2 topics. These include, but are not limited to, an in-depth study of graphing functions, solving equations and modeling relations. This includes linear, quadratic, exponential, polynomial, rational, trigonometric and radical functions. Additional topics studied in this course include, but are not limited to: defining functions, extending relations to models, and solving complex equations, including solving exponential equations using properties of logarithms and trigonometry. Topics in probability & statistics will also be covered. Algebra 2 Honors (Gifted) is designed to prepare students to be successful in Pre-Calculus. This course is taught using a scientific calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**AP Calculus**

1 Credit
1206310

Prerequisite: Pre-Calculus Honors.
9-12
This course covers the Algebra 2 topics. These include, but are not limited to, an in-depth study of graphing functions, solving equations and modeling relations. This includes linear, quadratic, exponential, polynomial, rational, trigonometric and radical functions. Additional topics studied in this course include, but are not limited to: defining functions, extending relations to models, and solving complex equations, including solving exponential equations using properties of logarithms and trigonometry. Topics in probability & statistics will also be covered. Algebra 2 Honors (Gifted) is designed to prepare students to be successful in Pre-Calculus. This course is taught using a scientific calculator. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.


**Math for College Readiness**

**1 Credit 1200700**

**Prerequisite: Algebra 2.**

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 simplifying polynomial expressions with multiple properties and exponents, proving polynomial identities, simplifying and solving rational and radical equations, solving systems of equations graphically and algebraically, transforming polynomial functions, exploring statistical linear regression, and determining domain and range. The standards align with the Mathematics Postsecondary Readiness Competencies deemed necessary for entry-level college courses. This course is supplemented with a TI 83/84+ graphing calculator.

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**CAPSULE DESCRIPTIONS**

**Environmental Science**

**2001340**

**1 Credit**

This course will help students strengthen their skills in the areas of academic performance, learning strategies and critical thinking, as they study interactions between organisms and the environment, biogeochemical cycles, the evolution of life on earth and energy flow. Environmental science is the first year of a 2-course sequence intended to prepare the identified students for success in Biology 1 (A graduation requirement). In the second year of the sequence, students will be administratively enrolled in Biology 1.

**Biological Sciences**

**BIOL 1 2000310 (Standard)**

**1 Credit 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 research of contemporary problems and issues. The study of life processes will include measurement, 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. Students will take an EOC exam.

**BIOL 1 2000320 (Honors)**

**1 Credit 9-10**

In this course students will explore the relationship between organisms and their environments, and between individual cells and biological systems. This is an accelerated, comprehensive, investigation-oriented introduction to biology, stressing development and organization of living forms and life processes, organic chemistry, cellular biology, genetics, evolutionary and ecological interactions and relationships. Laboratory activities are a significant component in the course, and offer students an opportunity to become familiar with scientific instruments and experimental methods. Students will take an EOC exam.

**AP Biology**

**2000340**

**1 Credit**

**Prerequisite: Biology 1 Honors and Chemistry 1 Honors (concurent or completed).**

This course is equivalent of two semesters of college biology (Biology 1 and 2). The content includes but is not limited to: cell biology, biochemistry, classical genetics, molecular genetics, evolution, ecology, 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. Participating colleges and universities may award credit based on the results of the AP Exam.

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**AP Statistics**

**1210320**

**1 Credit 10-12**

**Prerequisite: Algebra 2 Honors**

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course introduces 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. Based on the results of the AP exam, college credit may be awarded by participating colleges and universities. This course is taught using a TI 84 calculator. AP courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**AP Calculus AB**

**1202310**

**1 Credit**

**Prerequisite: Pre-Calculus.**

Due to the rigorous pace and content in AP Calculus BC, the successful completion of AP Calculus AB is highly recommended before enrolling in AP Calculus BC. AP Calculus is designed for the highly motivated and 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, but are not limited to, limits and continuity, derivatives, 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. AP courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

**AP Calculus BC**

**1202320**

**1 Credit**

**Prerequisite: Pre-Calculus.**

This course is designed to provide a foundation for the study of advanced mathematics. Topics include, but are not limited to, functions and graphs, limits, continuity, derivatives, and integrals with applications, optimization, velocity, acceleration, rates of change, anti-derivative, Riemann Sums, and the Fundamental Theorem of Calculus. Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.
The Exceptional Student Education Department is comprised of classes in the following divisions: Autism Spectrum Disorder (ASD), Emotionally Behavior Disorder (EBD), Mild/Moderate Intellectual Disability (MID), Specific Learning Disabled (SLD), Gifted and Speech/Language Therapy. In order to take the courses listed below, students must have a current Individual Educational Plan (IEP) that specifies the need for the course and is included as a service on the IEP. All courses listed here count toward standard high school diploma requirements.

**STANDARD DIPLOMA OPTIONS ARE THE SAME AS ANY OTHER STUDENT REQUIREMENTS (SEE PAGE 4).**

**ACCESS DIRECT INSTRUCTION COURSES**

<table>
<thead>
<tr>
<th>English</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
<th>PE/Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1</td>
<td>Liberal Arts</td>
<td>Environmental Integrated Science</td>
<td>World History</td>
<td>Personal Fitness</td>
</tr>
<tr>
<td>English 2</td>
<td>Algebra 1</td>
<td>Biology</td>
<td>United States History</td>
<td>Health Opportunities Through Physical Education</td>
</tr>
<tr>
<td>English 3</td>
<td>Algebra 1A</td>
<td>Physical Science</td>
<td>United States Government (0.5)</td>
<td></td>
</tr>
<tr>
<td>English 4</td>
<td>Algebra 1B</td>
<td>Earth Space Science</td>
<td>Economics (0.5)</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**

**CONSULTATION** is for students who have an IEP that may or may not have ESE classes and/or speech/language impaired students who no longer require direct services. The monitoring teacher (case manager) consults with the general education teachers as indicated on the IEP.

**MONITORING** is for students who have an IEP that may or may not have ESE classes. The students are required to meet with their assigned monitor teacher (case manager) on a weekly basis to discuss getting extra help, problem solving skills, organizational skills, grades, and behaviors.

**SUPPORT FACILITATION** is for students who have an IEP and are enrolled in regular education classes. The ESE teacher works side-by-side with the general education teacher in the classroom.

**DIRECT INSTRUCTION** is for students who have an IEP and are in an ESE classroom setting with a certified ESE teacher.

**High School Graduation Requirements for Students with Intellectual Disabilities**

Beginning with the 9th grade cohort in 2014-2015, the option to receive a Special Diploma for Exceptional Student Education students with disabilities will no longer be available. Students who entered 9th grade 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 the Florida Standards Alternate Assessment (FSAA) is the most appropriate measure of the student’s skills.

**GIFTED**

Gifted classes are for those students with current educational plans (EP) and are geared toward independent and student-directed learning. Emphasis is placed on motivating each student to reach his/her maximum potential.
### World History

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credit</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>2109310</td>
<td>(Standard)</td>
<td>1</td>
<td>9-12</td>
</tr>
<tr>
<td>2109320</td>
<td>(Honors)</td>
<td>1</td>
<td>9-12</td>
</tr>
</tbody>
</table>

Prerequisite: Participation in AP Information Night is highly recommended.

This course will provide an understanding of the contemporary world through an overview of the growth of world religions, the development of political traditions, contemporary world cultures, and current international events. This course will meet graduation requirements for World History.

### AP World History

Prerequisite: Participation in AP Information Night is highly recommended.

This course is designed to develop a greater understanding of the evolution of global processes and interconnections of human societies. This understanding is advanced by a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course is focused on the global experience, building on the understanding of cultural, institutional, and technological precedents. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities. This course will meet graduation requirements for World History.

### United States History

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credit</th>
<th>Grade Range</th>
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</thead>
<tbody>
<tr>
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<td>(Standard)</td>
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<td>9-12</td>
</tr>
<tr>
<td>2100320</td>
<td>(Honors)</td>
<td>1</td>
<td>9-12</td>
</tr>
</tbody>
</table>

Prerequisite: World History.

The course is designed to develop an understanding of American experience. The course is comprised of in-depth analysis of major themes and events in American history. This course will meet graduation requirements with a brief overview of the Civil War and Reconstruction Era, and continues with an in-depth study of America’s rise to power, populist and progressive movements, World War I, an in-depth study of the Depression, World War II, and ending with early 21st century. This course will meet graduation requirements for United States History. Additionally, students will work on test taking skills, critical and historical thinking skills, and primary and secondary source analysis to prepare for the End of Course Exam.

### AP United States History

Prerequisite: World History. Participation in AP Information Night is highly recommended.

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. This course includes advanced content in American history, emphasizing critical writing, historical thinking skills, primary and secondary source analysis, and in-depth interpretations, and analysis of the traditional historical periods of a chronological survey in American history. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities. This course will meet graduation requirements for United States History.

### United States Government

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credit</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>2106310</td>
<td>(Standard)</td>
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<td>9-12</td>
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<tr>
<td>2106320</td>
<td>(Honors)</td>
<td>1</td>
<td>9-12</td>
</tr>
</tbody>
</table>

Prerequisite: United States History.

This course provides students the opportunity to acquire an understanding of the United States government and political behavior. Content will include an analysis of documents which shape our political traditions, a comparison of the roles of the three branches of government at the national, state, and local levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process. This course will meet graduation requirements for United States Government. This course is taught in a blended format that integrates classroom and digital instruction, and satisfies the online graduation requirement.

### Economics with Financial Literacy

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credit</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
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<td>2102355</td>
<td>(Standard)</td>
<td>1/2</td>
<td>9-12</td>
</tr>
<tr>
<td>2102356</td>
<td>(Honors)</td>
<td>1/2</td>
<td>9-12</td>
</tr>
</tbody>
</table>

Prerequisite: United States History.

This semester long course provides students with a basic understanding of the important relationships and fundamentals of economics from the individual consumer to the national and global economy. Primary content focuses on basic concepts, economic systems, supply & demand, market competition, businesses and labor, the financial sector, taxation, fiscal and monetary policies, and the international market. This course content will also consist of a focus on personal finance concepts.

### AP United States Government & Politics

Prerequisite: United States History. Participation in AP Information Night is highly recommended.

Corequisite: Enrollment in AP Macroeconomics.

This course provides students with the opportunity to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content and materials of American government. Emphasis is placed on content and interpretation of the Constitution, federalism, Congress, the Presidency, the Federal Court system, citizen involvement, American political traditions, and responsibilities of citizens. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities. This course will meet graduation requirements for American government.

### AP Macroeconomics

Prerequisite: United States History. Participation in AP Information Night is highly recommended.

Corequisite: Enrollment in AP United States Government and Politics.

This course asks students to develop critical thinking skills as they apply to modern psychology. The course will emphasize the interaction of the biological and socio-cultural aspects of human behavior. The purpose of the course is to introduce students to the scientific and systematic study of the behavior and mental processes of human beings and other animals. Students will also explore real-world applications of psychological principles. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities.

### AP European History

Prerequisite: Participation in AP Information Night is highly recommended.

This course is designed to develop the analytical skills and factual knowledge necessary to deal critically with the problems, content, and materials of European historic development. This is accomplished by focusing on persistent themes and changes in history by applying historical thinking skills and by developing advanced writing skills. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities.

### AP Human Geography

Prerequisite: Participation in AP Information Night is highly recommended.

This course will ask students to develop critical thinking skills as they apply to modern psychology. The course will emphasize the interaction of the biological and socio-cultural aspects of human behavior. The purpose of the course is to introduce students to the scientific and systematic study of the behavior and mental processes of human beings and other animals. Students will also explore real-world applications of psychological principles. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities.

### AP Psychology

Prerequisite: Participation in AP Information Night is highly recommended.

This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Content will include the theories and methods of study employed by psychologists, human growth and development, adjustments, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, autonomy, alienation, stress, mental health, and therapy. The study of psychology will also include descriptive and inferential statistics, the study of sense, memory, motivation, and emotion, altered consciousness, and stress. Emphasis will be placed on human interaction, adjustment in society, statistical research, mental disorders, and the treatment and therapy of disorders.

### World Cultural Geography

Prerequisite: Participation in AP Information Night is highly recommended.

This course will include a study of the world by section with analyzing maps, physical features, environment and society, human systems, places and regions, and looking at the past, present and future.
American Sign Language
Students who select this course should be aware that it is unlikely that it will count as a World Language credit by colleges and universities outside of Florida. The State University System of Florida has agreed that the sequence of courses in American Sign Language will meet the World Language credit entrance requirement.

AMERICAN SIGN LANGUAGE 1
0717300
Prerequisite: Students need to be fluent in English.
1 Credit
9-12 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, the grammatical features, principles of ASL, and the audiological, educational, social, cultural, and historic aspects of deafness. ASL 1 and 2 may be substituted for a foreign language university entrance requirement in Florida.

AMERICAN SIGN LANGUAGE 2
0717310
Prerequisite: Successful completion of ASL 1.
1 Credit
9-12 This course will further develop knowledge of ASL 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 create videos and presentations demonstrating meaningful dialogues, narratives and dramas.

AMERICAN SIGN LANGUAGE 3
0717312 (Honors)
Prerequisite: Successful completion of ASL 2.
1 Credit
10-12 This course is designed for students to pursue the goal of fluency in the language. Emphasis is on advanced structure and mastery of the skills and vocabulary acquired in ASL II. Additionally, students will be made aware of the professional interpreter certification procedures, the Code of Ethics of Professional Conduct, and other career opportunities. Please be advised that students need to be prepared to seek alternate options to complete this course.

ITALIAN
0705320
1 Credit
9-12
The Italian 1 course is designed to emphasize speaking and listening skills with student's 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 Italian speaking countries.

The Italian 2 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.

The Italian 3 course is designed for students to master and build upon the skills acquired in Italian 2. Student will participate in progressively more challenging conversations and can communicate successfully in basic survival situations. Opportunities for enjoyment of the customs, ideas and heritage will increase.

The AP Italian Language and Cultural program involves in-depth practice of three modes of communication (Interpersonal, Interpretive, and Presentational). It take a holistic approach to language proficiency and recognizes complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course will prepare the student for the AP Italian Language and Culture College Board exam in May. The college you attend may award Italian credit based on your test score.

FRENCH
0701320 1
0701330 2
0701340 3 (Honors)
0701350 AP
Prerequisite: Participation in AP Information Night is highly recommended. Successful completion of previous level.
1 Credit
9-12
The French 1 course is designed to emphasize speaking and listening skills with student's 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.

The French 2 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.

The French 3 course is designed for students to master and build upon the skills acquired in French 2. 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.

The AP French Language and Cultural program involves in-depth practice of three modes of communication (Interpersonal, Interpretive, and Presentational). It take a holistic approach to language proficiency and recognizes complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course will prepare the student for the AP French Language and Culture College Board exam in May. The college you attend may award French credit based on your test score.

SPANISH
0708340 1
0708350 2
0708360 3 (Honors)
0708400 AP SPANISH LANGUAGE
Prerequisite: Participation in AP Information Night is highly recommended. Successful completion of previous level.
1 Credit
9-12
The Spanish 1 course is designed to emphasize speaking and listening skills with student's 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.

The Spanish 2 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.

The Spanish 3 course is designed for students to master and build upon the skills acquired in Spanish 2. 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.

The AP Spanish Language and Cultural program involves in-depth practice of three modes of communication (Interpersonal, Interpretive, and Presentational). It take a holistic approach to language proficiency and recognizes complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. This course will prepare the student for the AP Spanish Language and Culture College Board exam in May. The college you attend may award Spanish credit based on your test score.

The AP Spanish and Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic culture. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on the cultural connections and comparisons, including exploration of the various media (e.g., art, film, articles, literary criticism). This course includes the AP Exam given in May. You may receive college credit based on scores received.
In order to better prepare students for today's workforce, Seminole County Public Schools has increased the number and diversity of career programs available to students. ePathways Career Programs are organized into two categories: Florida Career and Professional Education (CAPE) Academies and half-credit career exploration experiences.

All Florida CAPE Academies are designed to provide opportunities for students to pursue industry certifications and a comprehensive career preparation experience. CAPE Academies are taught by teachers who meet regularly with business partners in the industry who also hold the industry certifications being offered. In order to maximize learning and career preparation, students should enroll in a CAPE program whenever possible. Participation in these programs can help prepare students to pursue the CAPE Gold Seal Scholar Designation and Scholarship (more information about this program can be obtained from your school counselor).

ePathways Career Exploration Programs are available to students with half credit experiences meant to develop a preliminary understanding of careers. These programs do not lead to an industry certification. Oviedo High School Interior Design Academy

Oviedo High School Bioscience Academy

Oviedo High School Early Childhood Academy

Culinary 8772100

Oviedo High School Culinary Academy

Oviedo High School Automotive Academy

PROGRAMS DO NOT LEAD TO AN INDUSTRY CERTIFICATION.

To pursue the CAPE Gold Seal Scholar Designation and Scholarship (more information about this program can be obtained from your school counselor).

Maximize learning and career preparation, students should enroll in a CAPE program whenever possible. Participation in these programs can help prepare students to pursue the CAPE Gold Seal Scholar Designation and Scholarship (more information about this program can be obtained from your school counselor).

CAPE Academies are taught by teachers who meet regularly with business partners in the industry who also hold the industry certifications being offered. In order to maximize learning and career preparation, students should enroll in a CAPE program whenever possible. Participation in these programs can help prepare students to pursue the CAPE Gold Seal Scholar Designation and Scholarship (more information about this program can be obtained from your school counselor).

All Florida CAPE Academies are designed to provide opportunities for students to pursue industry certifications and a comprehensive career preparation experience. CAPE Academies are taught by teachers who meet regularly with business partners in the industry who also hold the industry certifications being offered. In order to maximize learning and career preparation, students should enroll in a CAPE program whenever possible. Participation in these programs can help prepare students to pursue the CAPE Gold Seal Scholar Designation and Scholarship (more information about this program can be obtained from your school counselor).

Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

**INDUSTRY CERTIFICATIONS:** ASE Auto Maintenance and Light Repair G1 and ASE Entry Level Certifications

**PROGRAM DESCRIPTION:** This program offers a sequence of courses that provides skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster. It provides technical skills that contribute to problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster. Students will become certified food safety managers through ServSafe, which is a nationally recognized industry certification exam. Students will participate in various functions at OHS as well as assist in running the Lion’s Den Cafe.

**PROGRAM NUMBER:** 9504120

**PROGRAM NAME:** Automotive Maintenance and Light Repair Academy

**ACADEMY NAME:** Automotive Maintenance and Light Repair

**ACADEMY NAME:** Culinary Arts

**PROGRAM NAME:** Culinary Arts

**PROGRAM NUMBER:** 8800590

**PROGRAM DESCRIPTION:** This program offers a sequence of courses that provides skills needed to prepare for further education and careers in the Hospitality and Tourism career cluster. It provides technical skills that contribute to problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge of all aspects of the Hospitality and Tourism career cluster. Students will become certified food safety managers through ServSafe, which is a nationally recognized industry certification exam. Students will participate in various functions at OHS as well as assist in running the Lion’s Den Cafe.

**INDUSTRY CERTIFICATIONS:** Certified Food Protection Manager (ServSafe), National Registry of Food Safety Professionals

**PROGRAM NUMBER:** 8201500

**Program Description:** Students will learn to create digital video content for broadcast news, sports journalism, and narrative film production. This course develops industry-standard skills required for careers in filmmaking, broadcast news, video, and multimedia production. The content includes the use of production equipment and postproduction software necessary for the production of video content. The purpose of this course is to provide students to develop a variety of soft skills (collaboration, time management, problem-solving, creativity, etc.) useful in all careers in addition to the hard skills necessary for employment in film, television, and video production through the production of content for a student news broadcast or narrative films.

**Industry Certifications:** Adobe Premiere Pro CC, Adobe Photoshop CC, Career Pathways through Seminole State College and Florida Gold Seal eligible

**Course** | **Registration Code** | **Level** | **Fine Arts** | **Prerequisite/ Successful Completion**
---|---|---|---|---
Television Production Technology 1 | 8201510 | Standard (2) | Yes | N/A
Television Production Technology 2 | 8201520 | Standard (2) | Yes | 8201510
Television Production Technology 3 | 8201530 | Honors (3) | Yes | 8201520
Television Production Technology 4 | 8772140 | Honors (3) | No | 8201530
Television Production Technology 5 | 8772150 | Honors (3) | Yes | 8772140
Television Production Technology 6 | 8772160 | Honors (3) | Yes | 8772150
Television Production Technology 7 | 8772170 | Honors (3) | Yes | 8772160

*Add the following suffix to identify which program track you wish to participate: TV-WRORTV, DL-DIGITAL LION, SP-OTTOWN SPORTS
PROGRAM DESCRIPTION: As the practice of interior design continues to expand, becoming ever more complex and technical, it is increasingly important for designers to have a solid educational base with a pathway to licensure in Interior Design. Interior Design goes beyond interior decorating to include skills in space planning, ergonomics, safety and building codes, and so much more. Having obtained expertise critical to the design industry, graduates of this program will be able to work in a wide variety of design occupations. The art-based curriculum combines design concepts and social-sciences philosophies with the technical skills that are required of the Interior Design profession. Interior design at OHS exposes students to segments of design occupations and encourages them to explore fields in the design industry. Students interested in clothing and accessory design, engineering, drafting, and architecture will greatly benefit from the topics covered in this program.

INDUSTRY CERTIFICATIONS: Chief Architect Career Pathways through Seminole State College and Florida Gold Seal eligible

<table>
<thead>
<tr>
<th>COURSE NAME</th>
<th>REGISTRATION CODE</th>
<th>LEVEL</th>
<th>FINE ARTS</th>
<th>PREREQUISITE / Successful Completion</th>
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<tbody>
<tr>
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<tr>
<td>Principles of Interior Design</td>
<td>8506540</td>
<td>Standard (2)</td>
<td>Yes</td>
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<tr>
<td>Interior Design Techniques</td>
<td>8506550</td>
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<td>Yes</td>
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<tr>
<td>Interior Design Specialist</td>
<td>8506560</td>
<td>Honors (3)</td>
<td>Yes</td>
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ACADEMY NAME: Early Childhood Academy
PROGRAM NUMBER: 8405100
PROGRAM DESCRIPTION: The Early Childhood Education Academy is a series of courses for the student who enjoys working with and coaching young children. Students gain a better understanding of child development principles and theories leading to a future in teaching or other child-oriented professions. From the beginning of the program students learn the competencies that support the DCF 45-hour mandatory training course work in Rules and Regulations; Child Abuse and Neglect; Health Safety and Nutrition; Child Growth & Development; Understanding Developmentally Appropriate Practices; Preschool Appropriate Practice; Behavioral Observation and Screening; and Early Literacy. Students enrolled in this course should plan to register with DCF to take the 7 competency exams. Also included are components on communication skills, professionalism, methods of guidance, literacy activities, andlesson planning. As students progress through the program, students gain a more in-depth study of early childhood curriculum and actual teaching experience with the children in our laboratory preschool. Students will develop themes and weekly activities, observe growth and development skills of preschool children, and understand all the aspects of operating a real preschool.

INDUSTRY CERTIFICATIONS/OPPORTUNITIES:
Department of Children and Families’ Mandatory 45-hour Training ServSafe Certification Child Development Associate (CDA) Career Pathways through Seminole State College and Florida Gold Seal eligible
National Registry of Food Safety Professionals

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<thead>
<tr>
<th>COURSE NAME</th>
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<th>LEVEL</th>
<th>FINE ARTS</th>
<th>PREREQUISITE / Successful Completion</th>
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<td>Early Childhood Education 1</td>
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ACADEMY NAME: Web and Digital Design Academy
PROGRAM NUMBER: 8209500
PROGRAM DESCRIPTION: This program aids in the development of industry standard skills required for careers in the digital publishing industry. The content includes the use of software and equipment to perform digital publishing and digital imaging activities. Students learn about communication, collaboration and decision making activities, critical thinking, and problem solving. Software includes Adobe Illustrator, Adobe Photoshop, Adobe InDesign, and 3D software. This course utilizes page layout skills, individual projects, and presentations. Students must have a “can-do” attitude and be able to work independently and cooperatively. Students will participate in a work-based learning experience. Students may earn Adobe certification in Adobe Photoshop, Adobe InDesign, and Adobe Illustrator. Students will use technology and their design skills in rendering their work on a 3D imaging printer. This course meets the Fine Arts requirement and is a Gold Seal Program and a Career and Professional Education (CAPE) Academy.

INDUSTRY CERTIFICATIONS: Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Career Pathways through Seminole State College, and Florida Gold Seal eligible

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<th>PREREQUISITE / Successful Completion</th>
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ACADEMY NAME: Web and Digital Design Academy
PROGRAM NUMBER: 8506500
PROGRAM DESCRIPTION: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical skills needed to prepare for further education and careers as a Web Designer, Computer Programmer, Graphic Designer, Multimedia Artist, and Animator. Content includes HTML 5, CSS 3 using multiple text editors, Adobe Dreamweaver CC, Adobe Animate CC, Adobe Photoshop CC, JavaScript, jQuery, and other multimedia applications. It also includes operating system commands and web document development, design, promotion, and scripting. Students must have a “can do” attitude and work independently and cooperatively. These courses meet the Fine Arts requirement. This is a Gold Seal Program.
**PROGRAM NAME:** Cooperative Diversified Education - OJT  
**PROGRAM NUMBER:** 8300420  
**PROGRAM DESCRIPTION:** Do you have a job where you apply what you learned in your Gold Seal courses such as automotive, culinary arts, or technology? Would you like to receive high school credit for your work experience? Cooperative Diversified Education-OJT course is designed to provide supervised on-the-job training related to instruction in an occupational proficiency program. Students are required to meet with their instructor to cover student performance standards and administrative tasks on scheduled dates. The following will be required of each student: a training agreement, a training plan signed by the student, teacher and employer, including instructional objectives, a list of on-the-job and in-school learning experiences, a workstation that reflects equipment, skills, and tasks relevant to the occupation which the student has chosen as a career goal, and a site supervisor with a working knowledge of the selected occupation. Students must be compensated for work performed. Students are required to have a job and meet with the instructor for orientation during the first week of school or when starting the program. Students who do not comply with the program guidelines will be dismissed from the program. The program is audited by the Florida Department of Education. Students are required to turn in job-related documentation for credit.

**INDUSTRY CERTIFICATIONS:** Adobe Dreamweaver CC, Adobe Animate CC, Adobe Photoshop CC, Microsoft Introduction to Programming Using HTML and CSS, Microsoft Office 2016 to include Word, Excel, PowerPoint, Publisher and Access, Career Pathways through Seminole State College, and Florida Gold Seal eligible

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**PROGRAM NAME:** Java Development & Programming  
**PROGRAM NUMBER:** 9007200  
**PROGRAM DESCRIPTION:** Have you ever thought about the code that runs your favorite application? Do you like to problem-solve and analyze information? Computer programming provides opportunities to improve skills in problem-solving and critical thinking which are needed for success in college and future careers. Foundations of Programming introduces concepts, techniques, and processes associated with computer programming and software development. Students will use Visual Basic 2017 programming language in this first level course. In Procedural Programming, the course continues the study of computer programming concepts with a focus on the creation of software applications employing procedural programming techniques. In this second level course, students will be using the Java programming language and Eclipse IDE. In Object-Oriented Programming Fundamentals, the course continues the study of computer programming concepts with a focus on the creation of software applications employing object-oriented programming techniques. Students will use the C# programming language in this third level course. This is a Gold Seal Program and a Career and Professional Education (CAPE) Academy.

**INDUSTRY CERTIFICATIONS:** Microsoft Technology Associate (MAT); Florida Gold Seal Eligible

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**PROGRAM NAME:** Cooperative Diversified Education - OJT  
**PROGRAM NUMBER:** 8300420  
**PROGRAM DESCRIPTION:** Do you have a job where you apply what you learned in your Gold Seal courses such as automotive, culinary arts, or technology? Would you like to receive high school credit for your work experience? Cooperative Diversified Education-OJT course is designed to provide supervised on-the-job training related to instruction in an occupational proficiency program. Students are required to meet with their instructor to cover student performance standards and administrative tasks on scheduled dates. The following will be required of each student: a training agreement, a training plan signed by the student, teacher and employer, including instructional objectives, a list of on-the-job and in-school learning experiences, a workstation that reflects equipment, skills, and tasks relevant to the occupation which the student has chosen as a career goal, and a site supervisor with a working knowledge of the selected occupation. The student must be compensated for work performed. Students are required to have a job and meet with the instructor for orientation during the first week of school or when starting the program. Students who do not comply with the program guidelines will be dismissed from the program. The program is audited by the Florida Department of Education. Students are required to turn in job-related documentation for credit.

**INDUSTRY CERTIFICATIONS:** N/A

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<td>Cooperative Diversified Education - OJT</td>
<td>8300420</td>
<td>Standard (2)</td>
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<td>Must have completed a Gold Seal course related to their job or concurrently enrolled in Gold Seal course related to job.</td>
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Band (PF)

Band (PF)

05W & 0SB = 2nd per
09W = 6th per
1302300 1
1302310 2
1302340 5 (Honors)
1302350 (6) (Honors)

Prerequisite: Audition in order to be placed in appropriate group.
1 Credit
9-12

This course is 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 performances are required. The only way to be granted honors credit is to sign up for two band classes during one year. This includes Choral, Symphonic Band, Wind Ensemble, and Jazz Ensemble. The Band Director has final approval for placement in the various ensembles.

Instrumental Techniques (PF) (5th period)

13024200DL 1
13024400DL 2
13024500DL 4 (Honors)

Prerequisite: Audition in order to be placed in appropriate group.
1/2 Credit
9-12

This course is a percussion technique class in which all percussion students in the marching band should sign up for the first semester. This includes all sideline percussion members as well as drum line members. In order to fulfill the requirements for band, these students will be placed into Concert Band, Symphonic Band, or Wind Ensemble for the second semester through an audition at the end of the first semester.

EURHYTHMICS (PF) (7th period)

1305500 1
1305510 2
1305520 3
1305530 4

1 Credit
9-12

The purpose of this course is to enable students to develop basic skills in creating, performing, and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation, precision, and the relationship between music and dance.

Jazz Ensemble (PF) (4th period)

1305250 1
1305250 2
1305250 3
1305250 4 (Honors)

1 Credit
9-12

The purpose of this course is to enable students to develop basic performance skills on a selected instrument in an ensemble setting using varied high school literature. Performance techniques, music knowledge, critical analysis, and aesthetic response are emphasized.

Dance Techniques 1 (PF)

0300310

1 Credit
9-12

The purpose of this course is to acquire knowledge and skill in different styles of dance. Content should include, but not be limited to the following: in-depth knowledge and application of techniques of two or more dance styles (ballet, jazz, lyrical, hip hop or modern); knowledge of the dance terminology; knowledge of basic choreography; and acquisition of technique. This is an activity-based class and specific dance attire is required for this course.

Dance Techniques 2 (PF)

0300320

Prerequisite: Successful completion of Dance Techniques 1.
1 Credit
10-12

The purpose of this course is to extend the acquisition and the development of skills acquired in Dance Techniques 1. Content should include, but not be limited to the following: further knowledge and application of techniques of two or more dance styles (ballet, jazz, lyrical, hip hop or modern); knowledge of dance terminology; knowledge of choreography and beginning creation of basic group projects; and further acquisition of technique. This is an activity-based class and specific dance attire is required for this course.

Dance Techniques 3 (PF)

0300330

Prerequisite: Successful completion of Dance Techniques 2.
1 Credit
11-12

The purpose of this course is to further extend the acquisition and the development of skills acquired in Dance Techniques 1. Emphasis shall be placed on dance techniques through work in group choreography, culminating in a final performance project. This is an activity-based class and specific dance attire is required for this course.

Dance Techniques 4 (PF)

0300340 (Honors)

Prerequisite: Successful completion of Dance Techniques 3.
1 Credit
12

The purpose of this course is to enable students to further develop advanced knowledge and skills in varied dance styles through acquisition and improvement of technique, choreography process, aesthetic elements and performance quality. Emphasis shall be placed on staging and dance techniques through work in solo and group choreography, culminating in a final performance project. This is an activity-based class and specific dance attire is required for this course.

Beginning Chorus (PF)

1303300 1
1303310 2
1303320 3
1303330 4

1 Credit
9-12

This course will focus on building vocal technique and the basics of singing in a choral ensemble. This chorus will rehearse and perform music of varied styles, in three and four-part voicing. There will be occasional, required after school rehearsals and performances. Concert dress for this group will be school-owned robes. All incoming 9th graders interested in choir should register for this course.

Bravo (PF)

Intermediate Chorus

1303300BV 1
1303300BV 2
1303300BV 3
1303300BV 4
1303400BV 5 (Honors)
1303500BV 6 (Honors)

Prerequisite: Audition in order to be placed in appropriate group.
1 Credit
9-12

This course is intended for students with previous experience in choir at the high school level. The course will focus on further developing the talent and skills learned in the beginning chorus and will include beginning show choir experience. Students will rehearse and perform more advanced music of varied styles. There will be occasional, required after school rehearsals and performances. Students selected for this choir will be required to wear a uniform for performances.

Bel Cantos (PF) (Advanced Women's Chorus)

Chorus Reg 13033600BC 1
Chorus Reg 13033700BC 2
Chorus Reg 13038000BC 3
Chorus Reg 13039000BC 4 (Honors)

Prerequisite: Audition in order to be placed in appropriate group.
1 Credit
10-12

This course is an advanced course designed for students who have previously participated in another chorus on a high school level. These students will continue to develop their vocal technique, musicianship skills, and will have many performance opportunities. Show choir will be a major element of this class. Music will be selected from advanced Women's Chorus repertoire involving three and four part harmonization. There will be occasional, required after school performances and rehearsals required. Students selected for this choir will be required to wear a uniform for performances.

Horizons Chorus (PF) (Advanced Mixed Chorus)

Vocal Ensemble 13034400HR 1
Vocal Ensemble 13034500HR 2
Vocal Ensemble 13034600HR 3
Vocal Ensemble 13034700HR 4 (Honors)

Prerequisite: Audition in order to be placed in appropriate group.
1 Credit
10-12

This course will involved advanced students with developed musicianship skills, well established vocal technique, and extensive performance experience. Show choir will be a major focus of this class. Music will be selected from advanced repertoire including many styles, cultures, and time periods in four to eight part harmony. There will be occasional, required after school rehearsals and performances. Students are added to this class solely at the discretion of the director. Students are not added to this class after the first month of the school year. Students selected for this choir will be required to wear a uniform for performances.

Keyboard 1 (Piano) (PF)

1301360

9-12

This course will provide students with introductory experiences on the keyboard in performance skills and the interpretation of simple notation. The content should include, but be limited to: the development of music fundamentals, keyboard performance techniques, and interpretation of musical notation. Music Theory will also be a focus of this class.

Keyboard (Piano) (PF)

1301370 2
1301380 3
1301390 (Honors)

Prerequisite: Successful completion of previous level.
1 Credit
10-12

This course is for the student who wishes to refine the skills, musicianship and techniques required for piano performance.

AP Music Theory (PF)

1300330

Prerequisite: Participation in AP Information Night is highly recommended.
1 Credit
10-12

The purpose of this course is to provide students who already have a background instrumental or vocal music, advanced training in music theory. Instruction will focus on composition, music analysis, and preparing for the required AP music theory exam.

Theatre 1 (PF)

0400301

9-11

A course which includes introduction to the basic areas of play production. These areas include studying theatre history, play structure, and preliminary acting and acting techniques. Students selected for this course. The required performances include one memorized monologue, a scene performance, and a group Reader's Theatre.
THEATRE 2 0400320 (PF)
THEATRE 3 0400330 (Honors) (PF)
THEATRE 4 0400340 (Honors) (PF)

1 Credit
These courses are designed for students with a year or more experience and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights’ contributions to theatre; while improvisation, creative dramatics, and scene work are used to help student challenge their acting and explore the technical aspect of scene work. Prior approval from instructor required.

ACTING 1 (PF)
0400370

1 Credit
A course which focuses on individual acting techniques valuable in leadership roles of director and stage manager. Students learn acting terminology, characterization, pantomime, and improvisational techniques. Extensive participation in individual and group activities is a requirement. An audition with the instructor is required for this course.

THEATRE DIRECTION AND STAGE MANAGEMENT 1 (PF)
0400500

1 Credit
10-12
Students learn the leadership roles of director and stage manager. Students focus on the nature and responsibilities of the director and stage manager in relation to the entire production team; the effect of the directors concept on the overall production; vocabulary and principles of the various elements of play production; techniques used to create and effective theatre work; and basic knowledge and application of staging. 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.

ACTING (PF)
0400380 2
0400390 3
0400400 (Honors)

Prerequisite: Successful completion of previous Acting courses.
1 Credit
10-12
A course which focuses on acting techniques for scene study. The students learn ensemble acting skills, emotional recall techniques and acting styles from various historical periods and cultural traditions. A play performance is a requirement for this course.

CREATING 2D ART (PF)
0101355

1 Credit
2/2 Credit
Art 2D Comprehensive 1 is an introductory course where students will explore basic drawing, 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.

CREATING 3D ART (PF)
0101365

1 Credit
2/2 Credit
Art 3D Comprehensive 1 is an introductory course where 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.

CERAMICS/POTTERY 1 (PF)
0102300

Prerequisite: Creating 3D Art.
1 Credit
1/2 Credit
9-12
This course in ceramics emphasizes the proper design, construction, glazing, and firing of ceramic-ware. Utilization of the wheel, coil and slab methods of construction are taught. Material fees required.

CERAMICS/POTTERY 2 (PF)
0102310

Prerequisite: Ceramics/Pottery 1.
1 Credit
1/2 Credit
9-12
The primary focus of this course is on using clay as a form of self expression. Through viewing a variety of ceramic forms, discussing their meanings, purposes, and original contexts, and creating a variety of personal forms, students will develop a range of possible expressions in clay. Material fees required.

PAINTING 1 AND 2 (PF)
0104370 1
0104380 2

Prerequisite: Successful completion of Art 2D.
1 Credit
1/2 Credit
9-12
This course explores color as a major element of design. Students will produce paintings in realistic and abstract styles, with a variety of media. The course integrates knowledge of art history to broaden personal viewpoints. Students are expected to keep sketchbooks/journals.

DRAWING 1 (PF)
0104340

Prerequisite: Successful completion of Art 2D.
1 Credit
1/2 Credit
9-12
Basic problems of figure, still life, landscape, and perspective are studied. Realistic and abstract drawings styles will be explored. Practice in the use of various media, including pencil, charcoal, and pastel techniques. Students are expected to keep sketchbooks/journals. This course will integrate knowledge of art history to broaden personal viewpoint.

DRAWING 2 (PF)
0104350

Prerequisite: Successful completion of Drawing 1.
1 Credit
1/2 Credit
10-12
As an advanced course in drawing, it is designed for those successfully completing Drawing 1. This class will include original drawings employed in illusions, figure drawings, perspective, and still life. The course integrates knowledge of art history to broaden personal viewpoints. Students are expected to keep sketchbooks/journals.

PORTRAIT DEV. DRAWING (PF)
0103010 (Honors)

Prerequisite: Art 2D plus two additional art courses.
1 Credit
10-12
This course is designed for the advanced student who may pursue art in college. The course will focus on the development of a portfolio which demonstrates strong design and technical skills. Students will continue to develop artwork which demonstrates strong design and technical skills and also reflects an original and creative individual style. Students will be expected to have a minimum of 10-15 high quality works by the end of the course. Students must be capable of independent study and research, and they must work on works outside of class. This course integrates knowledge of art history to broaden personal viewpoint.

PORTFOLIO DEV: 2D DRAWING (PF)
0103020 (Honors)

Prerequisite: General Portfolio 1.
1 Credit
11-12
This course is a continuation of Portfolio I and should be taken by the serious student who plans to pursue art in college or as a career. Students will continue to develop a portfolio which demonstrates strong design and technical skills and also reflects an original and creative individual style. Students will be expected to have a minimum of 15-20 high quality works suitable for portfolio presentation by the end of the course. Students must maintain a personal sketchbook/journal. This course integrates knowledge of art history to broaden personal viewpoint.
AP Art (PF) 0104300
AP Drawing Portfolio 0109350
2-D Design 0109360

Prerequisite: Portfolio and Portfolio review. Participation in AP Information Night is highly recommended.

1 Credit 11-12

These courses are designed for the highly motivated student who plans to take art at the college level. Students may take only one AP Studio Art class per year. The work in AP art class requires significantly more commitment and accomplishment than the typical high school art program. Each portfolio is divided into three sections, which requires the student to show a fundamental competence and range of understanding in visual methods. The Quality Section permits the student to select the works that best exhibit a synthesis of form, technique, and content. The Breadth Section requires the student to demonstrate a firm foundation in the principles and elements of art and in a variety of materials and techniques. The Concentration Section requires the student to engage in an in-depth investigation and study of process and content.

2-D Design Portfolio is designed for students to articulate the principles of design through visual elements. Students will submit work in any two-dimensional process or medium, including, but not limited to: graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, illustrating, painting, printmaking, etc. Video clips, DVD’s, CD’s, and three-dimensional works may not be submitted. However, still images from videos or films are accepted.

3-D Design Portfolio is intended to address a broad interpretation of sculptural issues in depth and space. Students will be expected to work with additive, subtractive, and/or fabrication processes. They need to address issues such as mass, volume, form plane, light, and texture. Students could include traditional sculptures, architectural models, apparel, ceramics, 3-d fiber arts, or metal work in this portfolio.

Art/Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media. Painting, printmaking, abstraction, observational, inventive and mixed media are works that can be included in this portfolio. In the drawing portfolio, the master of drawing can be demonstrated through a wide range of approaches and media. Light and shade, line quality, rendering of form, composition, surface manipulation, and the illusion of depth are drawing issues that can be addressed through a variety of means, which could make drawings, the arrangement of the marks, and the materials used to make the marks endless.

AP Art History (PF) 0100300

Prerequisite: Participation in AP Information Night is highly recommended.

1 Credit 10-12

This course will provide students with an understanding and appreciation of painting, sculpture, architecture, and other art forms with a strict historical and cultural context. Students will examine the major forms of artistic expression from the beginning of time to modern day (Prehistoric to 20th Century). In combination with a few hands-on projects, this course does require a high degree of commitment by those students enrolled as the class is reading and writing intensive. Students are required to take the Advanced Placement exam in the spring.

Music Tech & Sound Engineering (PF) 1304300

1 Credit 9-12

Prerequisite: Successful completion of a Performing Arts credit and concurrent enrollment in a Fine Arts credit.

This course will allow students to be trained in and have hands-on experience with sound and lighting equipment. Students will be able to troubleshoot and solve technical issues and be responsible for the technical aspects of a show or performance. Students will be trained to plan, prepare, and implement a technical design (sound and lighting) for a show and/or a performance.

Creative Photo 1 (PF) 0108310

1/2 Credit 9-12

Create Photo 1 introduces the student to the fundamentals of photography: including camera controls, composition, lighting, and other artistic principles. Students will participate in oral critiques after each assignment, and maintain a portfolio of their work. Students will have access to Photoshop for editing and correcting photos, but they will have to print full size photos outside of class. Students will need to purchase some materials for individual use.

Creative Photo 2 (PF) 0108320

Prerequisite: Successful completion of Creative Photo 1.

1/2 Credit 9-12

Creative Photo 2 builds on the principles of Creative Photo 1. Advanced shooting techniques will be covered, and additional Photoshop exercises will be covered. Students will explore some traditional genres of photography including Pinhole photos. Oral critiques and portfolios will be a major aspect of the class. Students will be requested to purchase some materials for individual use.

Creative Photo 3 (PF) 0108330 (Honors)

Prerequisite: Successful completion of Photo 1 and 2.

1 Credit 10-12

Action and sports, low light, and advertising techniques are some of the advanced shooting techniques that will be explored. Students will also have the chance to explore specific styles and areas of interest. Historical connections and career opportunities will be offered. Traditional film and darkroom processes are also part of the curriculum. Students will be encouraged to enter local art shows, publish in the online newspaper, and build a portfolio. Some materials will need to be purchased for individual use.

HIS publications consistently receive top awards from the most prestigious scholastic journalism organizations in the country. The Oviedian Yearbook and the Lion’s Tale Newspaper won Crown and Pacemaker awards, and these publications are well known on college campuses for their strong journalistic standards. Graduates of these publications have taken their skills to universities as diverse as Brown, Auburn, Harvard, FSU, UF, Georgia Tech, and others. Former journalism students work on both local and national publications and have used their skills in broadcasting, graphic design, and management positions with international companies.

JOURNALISM 1 (PA)

1006300

Note: This course will satisfy the practical arts elective credit.

1 Credit 9-12

Students will explore the world of publishing in a state-of-the-art computer lab. This course will work with the Lion’s Tale newspaper students to edit content. Students will learn to write news and features stories along with personal columns. Most class activities are production-oriented and hands-on. Students will work with InDesign and Photoshop. This course meets the Fine Arts requirement.

Newspaper (EL)

10063310Y 1 (Honors)
10063320Y 2 (Honors)
10063330Y 3 (Honors)

Prerequisite: Acceptable writing/photo samples.

1 Credit 9-12

Students will produce The Lion’s Tale newspaper and maintain the journalism web page (www.OviedianJournalism.com) in a state-of-the-art computer lab. Students will work on all aspects of the publication including writing stories, designing pages, producing art work, taking pictures and creating content for the web. The Lion’s Tale is a student-run business that supports itself through selling advertising. Staff members are expected to sell advertising and work after school. Journalism 1 is not a requirement for joining newspaper.

Yearbook (EL)

10063310Y 5 (Honors)
10063320Y 6 (Honors)
10063330Y 7 (Honors)
10063340Y 8 (Honors)

Prerequisite: Acceptable writing/photo samples.

1 Credit 9-12

This class creates the award winning Oviedian yearbook. All areas of publication will be covered, with a strong emphasis on magazine oriented graphics, journalism, and business. Students will use a Mac lab and Adobe CS6. Students will be prepared for a variety of business journalism careers after they take photos, write copy, learn graphic fundamentals and advertisement principles. All members of the staff must plan on selling business and senior ads and attend work nights after school. Journalism 1 is not required for joining yearbook.
PEERS AS PARTNERS IN LEARNING (EL) 1400340

Prerequisite: A willingness to work with students with disabilities.
1/2 Credit 9-12

This course is designed to provide reciprocal academic and social benefits to students with disabilities and their peers without disabilities. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic equipment, communication, social barriers, leadership, problem solving, and other disability-related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people.

HUMANITIES 1 (EL) PRIMITIVE MAN TO PRE-RENAISSANCE 0903010 (Honors)
1 Credit
This honors-level course studies how people process and document the human experience through the relationship between culture and the arts. From the dawn of early civilization through the 14th century Renaissance, this course will cover history, philosophy, religion, literature, art, architecture, and music from a multitude of cultures. This class emphasizes the use of creative and open thinking, encourages the discussion and analysis of complex humanistic ideas, and includes arts and crafts projects.

PERSONAL FINANCIAL LITERACY (EL) 2103272 2102374 (Honors)
1/2 Credit 9-12

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

PERSONAL FITNESS 1501300
1/2 Credit 9-12

Personal fitness is designed to provide students with opportunities to develop an individual optimal level of personal fitness, acquire knowledge of physical fitness concepts, and the significant influence they have on lifestyle, health, and fitness. This course is required for graduation.

BASKETBALL 1 & 2 (PE) 1503310 & 1503315
1/2 Credit Each 9-12
Basketball teaches basic knowledge, fundamental skills, and techniques of the game. Emphasis will be placed on techniques, strategies, rules, safety practices, and maintaining and/or improving personal fitness.

TEAM SPORTS (PE) 1503300 & 1503400
1/2 Credit Each 9-12
Team Sports provides students with opportunities to acquire knowledge of the strategies of sports play. Students will develop skills in selected team sports, through skills, drills, and team play, while maintaining and/or improving their personal fitness.

CARE AND PREVENTION OF ATHLETIC INJURIES (PE) 1502490
1/2 Credit 9-12

Care and Prevention of Athletic Injuries is an introductory course for the student interested in sports medicine and the aspects involved with the problems of care, care, and rehabilitation of athletic injuries. Topics include the recognition and treatment of common athletic injuries to major body parts, medical terminology, and taping/wrapping lab sessions.

WEIGHT TRAINING (PE) 1501340 Weight Training 1 1501350 Weight Training 2 1501360 Weight Training 3
1/2 Credit Each 9-12

Weight Training provides students with opportunities to acquire basic knowledge and skill in weight training, adds to using those skills in the pursuit of physical fitness activities, improves muscular strength, and enhances body composition.

BASKETBALL 1 & 2 (PE) 1503310 & 1503315
1/2 Credit Each 9-12
Basketball teaches basic knowledge, fundamental skills, and techniques of the game. Emphasis will be placed on techniques, strategies, rules, safety practices, and maintaining and/or improving personal fitness.

TEAM SPORTS (PE) 1503300 & 1503400
1/2 Credit Each 9-12
Team Sports provides students with opportunities to acquire knowledge of the strategies of sports play. Students will develop skills in selected team sports, through skills, drills, and team play, while maintaining and/or improving their personal fitness.

NAVY JUNIOR RESERVE OFFICER TRAINING CORPS

1802300 ROTC 1
1802310 ROTC 2
1802320 ROTC 3
1802330 ROTC 4

Prerequisite: Levels 2-4 requires successful completion of previous level.
1 Credit
9-12

The purpose of Naval Science 1 is to introduce students to the precepts of citizenship and the value of scholarship in attaining life goals. This course is designed to engender a sound appreciation for the heritage and tradition of America, with recognition that the historically significant role of sea power will be important in America's future, and to develop in each cadet a growing sense of pride in his/her organization, associates, and self.

The purpose of Naval Science 2 is to build on the general introduction provided in Naval Science 1: to further develop the traits of citizenship and leadership in students, introduce cadets to the technical areas of Naval Science study, and engender a deeper awareness of the vital importance of the world oceans to the continued well-being of the United States.

The purpose of Naval Science 3 is to further develop the traits of leadership in students and introduce cadets to the breadth of importance of military justice, international law, and foreign affairs. Students will develop skills in selected team sports, through skills, drills, and team play, while maintaining and/or improving personal fitness.

The purpose of Naval Science 4 is to build on the basic qualities of a good follower and an effective leader provided in Naval Science 1, 2, and 3 and to take a more in-depth look at what leadership is, and how to maximize your abilities in the leadership area. An additional prerequisite to enroll in Naval Science 4 is the completion of two prior levels of the Naval Science Program. Members of the Academic Team are required to participate in competitive academic evaluations to demonstrate their knowledge and comprehension of the entire Naval Science syllabus. Prerequisites to enroll in the Academic Team are the completion of at least one level of Naval Science and the approval of the Academic Team Instruction.

NJROTC

*Performing Fine Arts credit satisfied using levels 1 and 2 and P.E. waiver for Level 3

NJROTC require a Florida High School Athletic Association (FHSAA) pre-participation physical evaluation

ELECTIVES

PRIMITIVE MAN TO PRE-RENAISSANCE 0903010 (Honors)
1 Credit

This honors-level course studies how people process and document the human experience through the relationship between culture and the arts. From the dawn of early civilization through the 14th century Renaissance, this course will cover history, philosophy, religion, literature, art, architecture, and music from a multitude of cultures. This class emphasizes the use of creative and open thinking, encourages the discussion and analysis of complex humanistic ideas, and includes arts and crafts projects.

A willingness to work with students with disabilities.
1/2 Credit 9-12

This course is designed to provide reciprocal academic and social benefits to students with disabilities and their peers without disabilities. Students enrolled in this course will learn and apply knowledge and skilled practices in the areas of academic equipment, communication, social barriers, leadership, problem solving, and other disability-related topics such as historical perspectives, inclusion, Universal Design for Learning, person-first language, presumed competence, social justice for minority populations, and media representation of diverse people.

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

Physical Education

INDIVIDUAL & DUAL SPORTS 1 & 2 (PE) 1502410 Ind. & Dual Sports 1 1502420 Ind. & Dual Sports 2
1/2 Credit Each 9-12

Individual and dual sports provide students with opportunities to acquire background knowledge, terminology, and rules for organized participation in various sports in singles and doubles format. Sports may include racquetball, tennis, horseshoes, cornhole, etc.

POWER WEIGHT TRAINING (PE) 1501410
1/2 Credit 9-12

Beginning Power Weight Training will provide instruction in the basic lifts with an emphasis on power developing exercises while maintaining and/or improving their muscle strength and body composition.

Dr.IV Div.II (EL) 17005800T Div.II 14003300T

Prerequisite: A minimum GPA of 3.0 and completion of an application is required. See Ms. Darty for additional information.
1/2 Credit 12

This program offers a broad foundation of knowledge and skills to prepare students for employment in their chosen occupational field. Students also, assist administrators, office personnel, and teachers with a variety of clinical tasks.

HEALTH 1-LIFE MANAGEMENT SKILLS (EL) 08003080
1/2 Credit 9-12

This course is designed to help students manage and live a better quality of life. Learning relevant life skills in areas such as stress-reduction and coping skills, dealing with emotions, family and personal relationships, communication, goal-setting, budgeting, nutrition, human sexuality, and substance abuse will help students function in a healthy manner and live to their fullest potential.

FIRST AID AND SAFETY (EL) 08003020
1/2 Credit 9-12

The purpose of this course is to enable students to acquire skills in CPR and first aid. In addition to these skills, personal safety and current methods of the management and treatment of emergency illnesses and injuries are also taught. CPR and First Aid certification cards are available to all students who meet the standards.
Seminole County Public Schools offers a variety of choice options to empower students to **customize their educational pathway in preparation for college, careers, and citizenship**. These options include Magnet Schools/Programs, Programs of Emphasis, Pre-Apprenticeship Training, Virtual School, Internships, After School Courses, and Computer Science Pathways. Each option has a unique application/registration process and eligibility requirements. Additionally, each high school’s curriculum guide includes available Career & Technical Education programs—most of these options include opportunities for industry certification or college credit.

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

**Magnet Schools/Programs**

Magnet schools & magnet programs are high-quality and innovative educational programs that specialize in a particular theme and are open to all Seminole County students who meet the eligibility requirements.

**Eligibility**: Acceptance into a magnet school/magnet program for students applying for grade ten and above is contingent upon an administrative review of their transcripts.

**Transportation**: Transportation is provided to all students who live more than 2 miles from the school/program.

**For More Information**: Contact the Student Assignment & Program Access Department at 407-320-0329 or view the website at [www.seminoleschoolchoices.us](http://www.seminoleschoolchoices.us).

**Crooms Academy of Information Technology**

- AA Degree Pathway allows students to earn a degree from Seminole State College at no cost to the family
- Information technology industry certification opportunities allow students to earn career credentials that make them job ready upon graduation
- Annual TechFest provides students opportunities to interact with business leaders and showcase their skills and credentials to an authentic audience

**Academy of Health Careers**

Seminole High School

- Health career industry certification opportunities allow students to earn career credentials that make them job ready upon graduation
- Authentic lab spaces on campus allow students to develop and practice clinical skills
- Career exploration through job shadowing and clinical experiences in local healthcare facilities

**Academy of Engineering**

Lyman High School

- The Academy of Engineering offers 7 full-year courses taught by skilled professionals with engineering degrees and experiences
- Renowned Project Lead the Way (PLTW) curriculum emphasizes critical thinking, creativity, innovation, and real-world problem solving
- Student choice to explore an area of interest including aerospace engineering, digital electronics, civil engineering and architecture, and environmental sustainability

**International Baccalaureate Diploma Program**

Seminole High School

Winter Springs High School

- International college preparatory curriculum that allows students to explore the world from a variety of perspectives
- The IB Diploma program has earned a reputation for rigorous assessment, helping IB diploma holders access the world’s leading universities
- The IB Diploma program is ideal for knowledgeable and caring young people who are motivated to succeed
- Students applying for the IB Program zoned to Hagerty, Lake Howell, Oviedo, & Winter Springs High may only apply to attend Winter Springs High. Students applying for the IB Program zoned Lake Brantley, Lake Mary, Lyman, & Seminole may only apply to Seminole High.
PROGRAMS OF EMPHASIS

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

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

ELIGIBILITY: Students must reside in Seminole County and submit a Program of Emphasis Transfer Application. Eligibility requirements, timelines, and the application process are described in detail on the Seminole County Public Schools Student Assignment & Program Access website: www.seminoleschoolchoices.us. Programs designated with an * are not available as choice options and are currently only for students zoned to attend that school based upon their residence.

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

FOR MORE INFORMATION: In-zone students should contact their school counselor, out-of-zone students may contact the Student Assignment & Program Access Department at 407-320-0329 or view the website at www.seminoleschoolchoices.us.

Hagerty High School
MODELING, SIMULATION AND ANALYSIS PROGRAM OF EMPHASIS
The Modeling, Simulation and Analysis program teaches students the fundamentals of modeling and simulation, a high-demand, high-wage industry in Central Florida. This program includes industry certification.

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

NEW for 2020-2021! CREATIVE DESIGN AND ENTERTAINMENT PROGRAM OF EMPHASIS
Students have the opportunity to develop their artistic and digital skillset while preparing for a future career. For 2020-2021, students can choose from two available pathways (3D Animation, Digital Photography), with more exciting options to come in future school years! This program includes industry certification.

Lake Howell High School
CULINARY ARTS PROGRAM OF EMPHASIS *
The Culinary Arts program allows students to explore all facets of the culinary field, including entrepreneurship, in an industry-standard commercial kitchen. This program includes industry certification.

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

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

Lake Mary High School
ADVANCED MANUFACTURING & INNOVATION PROGRAM OF EMPHASIS
The Advanced Manufacturing program gives students the opportunity to design and prototype innovative products using high-tech, industry standard equipment. This program includes industry certification.

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

Oviedo High School
BIOSCIENCE TECHNOLOGY PROGRAM OF EMPHASIS
The Bioscience Technology program provides preparation for the career fields of applied biology in industry, medicine, and agriculture. This program includes industry certification.
The Aviation Program of Emphasis is designed to prepare students for employment or advanced training in the aviation industry. This program gives students relevant experience with tools, flight training materials, simulators, and actual aircraft: a Cessna 150 and Robinson R22 HP helicopter. There are two programs in the academy: Aviation Maintenance and Avionics. This program includes industry certification.

**Problem Solving Incubator (PSI High)**

The future of high school: PSI High is an immersive, full-time program where students form teams with their peers and community partners to solve real-world problems. In an environment that looks more like a high-tech office than a classroom, students develop their interests and skills to earn high school credit through project-based work. Our learners are the innovators of tomorrow. The ideal student for PSI High is passionate about learning and improving personally in order to make a difference globally. This program includes industry certification.

**Winter Springs High School**

**NEW for 2020-2021: Public Service Program of Emphasis**

Students in the Public Service Academy learn about a variety of career opportunities in government operations and public safety. Students are presented with complex issues that communities face every day and collaborate to solve problems in an environment of rapid change and uncertainty.

**Renewable Energy Program of Emphasis**

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

**Pre-apprenticeship Training**

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 age 16 and older the opportunity to begin a career in high school in building trades and construction design technology, which is offered at Lake Brantley HS, Lake Mary HS, and Lyman HS. Students must be on track for graduation and have a 2.0 GPA to participate.

*New for 2020-2021*: Electrical and HVAC available as after school courses at Lyman High School.

**Virtual School**

Virtual schools provide a high-quality education along with 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) uses curriculum created or purchased by SCPS. Seminole also contracts with two other Florida school districts for additional full-time instruction options.

High School and Middle School student choices include SCVS full-time, SCVS part-time, SADL part-time, or full-time contracted district franchise. 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 Wed., April 1, 2020 through Mon., July 20, 2020. Part-time options are available throughout the school year; virtual classes can be taken outside of the school day or during the school day at home or at the student’s school in a virtual lab. Additionally, SCPS may offer virtual course enrollment over the summer (SCVS 365).

**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

*For more information, please visit www.scv.s.us or call 407-871-7287.*

**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 I, Liberal Arts Math II, 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:**


**Electives:**

MANY options, including Personal Fitness/Fitness Lifestyle Design, Art, Guitar, AP Art History, Drivers Ed and much more! See website for complete list.

*New elective for 2020-2021*: Hospitality and Tourism.
**INTERNSHIPS**

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

**AFTER SCHOOL COURSES**

SCPS offers several after school Career and Technical Education (CTE) courses for high school credit. Students can attend an after school course at any of the participating high schools regardless of the high school they currently attend. Transportation is not provided. Courses typically meet from 3:30-5:30 on Tuesdays and Thursdays unless otherwise noted. Students who would like to add an after school course to their schedule should register using the course codes provided below. Please note that courses are subject to cancellation due to low enrollment or change in instructor availability.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hosting School</th>
<th>Course Code</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Robotics</td>
<td>Lake Mary</td>
<td>9410110X</td>
<td>This honors-level course provides students with the foundational knowledge and technically oriented experience in the study of the principles, applications and systems of robotics engineering and its effect upon our lives. The students in this program will build and participate in the FIRST Robotics Competition (FRC) at UCF. Students participating in the competition will be eligible for the $80 million FIRST Scholarship Program. This course requires some Saturday participation.</td>
</tr>
<tr>
<td>Automotive Collision Technology</td>
<td>Seminole</td>
<td>9514010X</td>
<td>This course covers safety, planning, preparation and painting elements of automotive repairs, with students often using their own vehicles as their hands-on project. Students are required to complete 3 online collision safety courses and will be exposed to careers within the automotive collision and repair industry while in the program. Participants should anticipate heavy lifting and high noise levels.</td>
</tr>
<tr>
<td>Automotive Maintenance and Light Repair</td>
<td>Oviedo</td>
<td>9504410X</td>
<td>This course provides students with the theory and practical knowledge of basic automotive systems and principles, including internal combustion engine theory, shop safety, tool usage, shop measurement, use of shop manuals, automotive industry history and development, and preventative maintenance.</td>
</tr>
<tr>
<td>Aviation</td>
<td>Seminole</td>
<td>9540610X</td>
<td>This course introduces students to shampooing and conditioning, trimming and shaping hair using clippers, shears and razors. Students who are interested in expressing themselves creatively through shaping and cutting hair while working collaboratively with others will thrive in this course.</td>
</tr>
<tr>
<td>Barbering</td>
<td>Lake Howell</td>
<td>8757710X</td>
<td>This course includes counseling and conditioning, trimming and shaping hair using clippers, shears and razors. Students who are interested in expressing themselves creatively through shaping and cutting hair while working collaboratively with others will thrive in this course.</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>Lake Howell</td>
<td>8757210X</td>
<td>The ideal candidate for the Cosmetology program has a passion for making people feel and look good. Students will practice performing services of the hair, skin, and nails throughout this course. Upon completion of these courses, students will have up to 160 hours towards the state requirement for licensing.</td>
</tr>
<tr>
<td>Electrical</td>
<td>Lake Brantley</td>
<td>8905120X</td>
<td>This course focuses on the fundamentals of electrical technology utilizing the same equipment, materials, tools and techniques as industry professionals. Students will learn how to troubleshoot, repair, and replace various types of electrical systems from teachers who are trained experts in the field. For students who are age 16 and older, this course provides pre-apprenticeship training and may lead to summer employment through Academy of Construction Technologies.</td>
</tr>
<tr>
<td>Heating, Ventilation, and Air Conditioning (HVAC)</td>
<td>Lyman</td>
<td>8713010X</td>
<td>This course focuses on the fundamentals of HVAC technology utilizing the same equipment, materials, tools and techniques as industry professionals. Students will learn how to troubleshoot, repair, and replace various types of HVAC systems from teachers who are trained experts in the field. For students who are age 16 and older, this course provides pre-apprenticeship training and may lead to summer employment through Academy of Construction Technologies.</td>
</tr>
<tr>
<td>Technical Design</td>
<td>Lake Mary</td>
<td>8401910X</td>
<td>This honors-level course focuses on Engineering, Architecture, 3D Modeling &amp; 3D Printing. First Semester is an in-depth introduction to Technical Drafting &amp; Computer-Aided Design. Students will learn the basics of Autodesk AutoCAD to complete their projects. Second Semester, students will choose to work in either 3D Modeling, Architecture, or a combination of both. Students who choose to dive deeper into 3D Modeling will have the opportunity to print their projects on a MoJo or Dimension 1200 3D printer. Those focused on Architecture will work on an in-depth Architecture project such as developing a set of plans of their dream house. All students will take the AutoCAD Certification Exam.</td>
</tr>
</tbody>
</table>
SCPS COMPUTER SCIENCE PATHWAYS

SCPS believes computer science skills are an integral component in the future of work and life. In addition, there is a high demand for employees with computer science skills and not enough qualified applicants to fill open positions. In order to adequately prepare students for these promising careers, SCPS has developed a comprehensive ePathway that prepares students in Kindergarten through twelfth grade so all students have the opportunity to learn these important Future Ready skills.

The SCPS Computer Science Pathways initiative provides unique combinations of AP Computer Science courses and CTE Computer Science courses. Choose from these combinations of courses and pathways:

SCPS Computer Science (*Honors) prepares students with relevant technical knowledge and skills needed for a wide variety of computer science careers. Students will complete projects that incorporate essential programming techniques, algorithms, logical thinking, app development, and more. Students can also earn industry certifications.

AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

For more information about which computer science pathway is right for you, please talk with your school counselor.

How to Register: These courses may be available at your high school in 2020-2021. If you are interested, register for 0200335 or 0200320 or 9007610.
World Languages
French 1 0701320
French 2 0701330
French 3 (H) 0701340
AP French 0701380
Spanish 1 0708340
Spanish 2 0708350
Spanish 3 (H) 0708360
AP Spanish Lang 0708400
AP Spanish Lit 0708410
Am Sign Language 1 0717300
Am Sign Language 2 0717310
Italian 1 0705320
Italian 2 0705330
Italian 3 (H) 0705340
AP Italian 0705380

Program of Emphasis
Biotechnology 1 (H) 3027010
Biotechnology 2 (H) 3027020
Biotechnology 3 (H) 8736030
Biotechnology 4 (H) 8736030D

Career and Technical Education
Culinary Arts 1 8800510
Culinary Arts 2 8800520
Culinary Arts 3 (H) 8800530
Culinary Arts 4 (H) 8800540
Early Child 1 8405110
Early Child 2 8405120
Early Child 3 (H) 8503213
Early Child 4 (H) 8503214
Design Serv Core 1 8506405
Prin of Int Design 2 8506540
Int Design Tech 3 8506550
Int Design Spec 4 (H) 8506560
Auto 1 (H) 9504110
Auto 2 (H) 9504120
Auto 3 & 4 Block (H) 95041300B3
Auto 5 & 6 Block (H) 95041500BS
Digital Info Tech 8207310
Digital Design 1 8209510
Digital Design 2 (H) 8209520
Digital Design 3 (H) 8209530
Fnd of Prog (H) 9007210
Procedural Prog (H) 9007220
Obj-Orient Prog (H) 9007230
Fnd Web Design (H) 9001110
User Inter Design (H) 9001120
Web Script Fnd 9001130
CDE OJT (P1-P7) 83004200P1-P7
TV Prod Tech 1 8201510
TV Prod Tech 2 8201520
TV Prod Tech 3 (H) 8201530
TV Prod Tech 4 (H) 8772140
TV Prod Tech 5 (H) 8772150
TV Prod Tech 6 (H) 8772160
TV Prod Tech 7 (H) 8772170

ESOL

ESOL English 1 1002300
ESOL English 2 1002310
ESOL English 3 1002320
ESOL English 4 1002520
Dev Lang-ESOL Beg 1002381BA
Dev Lang-ESOL 9 10023811A
Dev Lang-ESOL 10 10023812A
Dev Lang-ESOL 11 10023813A
Dev Lang-ESOL 12 10023813AD

Electives
AP Comp Sci Prin 0200335
AP Comp Sci A 0200320
AP Capstone Seminar 1700500
AP Capstone Research 1700510
Life Management 0800350
Dividends 1 17003800T
Dividends 2 14003300T
Peer Inclusion Team (PIT) 1400340
First Aid 0800320
Driver Ed (After School) 1900310
Humanities 1 (H) 0900310
ROTC 1 1802300
ROTC 2 1802310
ROTC 3 1802320
ROTC 4 1802330
Special Teams pd 7(L1) 18023000ST
Special Teams pd 7(L2) 18023100ST
Special Teams pd 7(L3) 18023200ST
Special Teams pd 7(L4) 18023300ST
Acad. Team pd 2(L1) 18023000A2
Acad. Team pd 2(L2) 18023100A2
Acad. Team pd 2(L3) 18023200A2
Acad. Team pd 2(L4) 18023300A2
Op Dip Sem 1 (1 period) 2200300P1
Op Dip Sem 2 (1 period) 2200300P2
Op Dip Sem 1 (2 periods) 2200310P1
Op Dip Sem 2 (2 periods) 2200310P2

ESF

Social Personal Skills 7963070ASD/EBD
Learning Strategies 7963080/ASD
Liberal Arts 1 1207300S
Geometry 1206310S
Liberal Arts 2 1207310S

Reading
SOAR Reading 9 10004001
SOAR Reading 10 10004002
SOAR Reading 11 10004003
SOAR Reading 12 10004004

Misc.
Off Campus Virtual 8888888W..
On Campus Virtual 888888801/2
Off Campus 22003200..
Research 1 (MTSS) 1700300
Leadership 1 24003001L1
Leadership 2 24003100L2
Leadership 3 24003300L3
Leadership 4 24003300L4
THE MISSION OF OVIEDO HIGH SCHOOL IS TO ENSURE THAT STUDENTS LEARN IN A MULTIFACETED ENVIRONMENT THAT PREPARES THEM TO BECOME COMPETENT AND PRODUCTIVE CITIZENS, EXCELING IN THEIR EDUCATIONAL AND WORKPLACE PURSUITS.