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1998-1999
2000-2001
2001-2002
2002-2003
2003-2004
2004-2005
2006-2007
2007-2008
2008-2009

Oviedo High School's
History of Earning
an "A"

2018-2019

2009-2010
2010-2011
2011-2012
2012-2013
2013-2014
2014-2015
2015-2016
2016-2017
2017-2018

HOME OF THE CHAMPIONS AND SCHOLARS

601 KING STREET | OVIEDO, FL 32765 | TELEPHONE: 407-320-4050



OVIEDO HIGH SCHOOL
CURRICULUM GUIDE



Registration Information

STUDENT SERVICES

If you have any questions about your academic plans and/or selections, you should call your assigned counselor. Students are assigned to counselors according to the spelling of the student's last name. Contact numbers are as follows:

Last Names (A-Deb)	Ms. Mindi Craft	407-320-4024
Last Names (Dec-Ha)	Ms. Sarah Reilly.....	407-320-4080
Last Names (Hb-Mea)	Ms. Katisha Byrd.....	407-320-4123
Last Names (Meb-R)	Ms. Armita Washington.....	407-320-4127
Last Names (S-Z)	Ms. Lauren Vosburg.....	407-320-4021
(All ESE, except gifted)	Ms. Janiece Valentine	407-320-4022

**All information regarding courses and graduation requirements is subject to change, pending legislation and state mandates. Courses listed in this guide will be dropped if there are not enough students signed up to take the course.

All students must register for seven full credits. Students in cooperative work programs are released at the end of scheduled classes and are to remain off campus at that time. Students registered in an "Off Campus" virtual lab are not permitted on campus during that time. Dual enrollment students may not be on campus during those scheduled periods. **Students in classes due to a parental override form being signed will remain in the class until the end of the semester, at which point a change may be considered by administration.

Graduation Ceremony

***Students who do not meet graduation requirements will not be allowed to participate in the graduation ceremony.**

Administration

Principal	Dr. Trent Daniel	407-320-4001
Assistant Principal	Tanya Cameron.....	407-320-4008
Assistant Principal	Nancy Diaz.....	407-320-4007
Assistant Principal	Dr. Rachel Menta.....	407-320-4009
Assistant Principal	Drew Morgan.....	407-320-4014
Administrative Manager	Demetrius Galindez.....	407-320-4030
Administrative Manager	Matthew Guglielmello	407-320-4028
Administrative Manager	Jeffrey Townsend.....	407-320-4011

Technology Use in Learning, Motivation, and Recognition

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

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

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

Student Progression Plan

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 the following link:

<https://www.scps.k12.fl.us/resources/documents/StudentProgressionPlan.pdf>

SCPS Educational Equity

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

It is the policy of the School Board of Seminole County, Florida, that no employee, student, or applicant shall - on the basis of race, color, national origin, sex, disability, marital status, age, religion, genetic information, or any other basis prohibited by law - be excluded from participating in, be denied the benefits of, or be subjected to discrimination and harassment under any educational programs, activities, or in any employment conditions, policies, or practices conducted by the District. Additionally, the School board of Seminole County provides equal access to public school facilities for the Boy Scouts of America and other designated youth groups as required by 34 C.F.R. 108.6.

Every employee, student, or applicant for employment at Seminole County Public Schools has a solemn right to be treated fairly, equally, equitably, and with dignity. If for any reason you - the employee, student, or applicant for employment - find that you have been victimized by acts of discrimination and or harassment, whether intentional or unintentional, you are strongly encouraged to file an Educational Equity Complaint or Grievance with the Educational Equity Administrator, or any county or school-level administrator. All such complaints must be immediately forwarded to the Educational Equity Administrator for dissemination, action, and resolution. Forward to: SCPS Educational Equity Administrator, Seminole County Public Schools, Educational Support Center, 400 E. Lake Mary Blvd., Sanford, FL 32773-7127. (407) 320-0148

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 2021-22 school year, SCPS will provide full-time virtual instruction options to students in grades K-12. Enrollment will be open from April 1, 2022 to July 20, 2022. For more information, please see your school guidance counselor or visit <http://virtualschool.scps.k12.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.

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.

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. 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 cost for the program. Applications are available at the high schools.

* 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.

Physical Education and Personal Fitness 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.

Physical Education AND Personal Fitness

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. Students who have taken or are currently enrolled in Personal Fitness or a PE elective may only waive the remaining .5 credit required to fulfill the graduation requirement.

Physical Education OR Performing Fine Arts

The following courses may satisfy a Physical Education OR Performing Fine Arts credit. Both requirements may be satisfied if students repeat these courses, but a single credit

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

Physical Education OR Performing Fine Arts

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 AND Performing Fine Arts

JROTC/Performing Fine Arts/Physical Education: Two years in a JROTC class waives the full one-credit physical education requirement AND the full one-credit performing arts requirement (#1500450, #1500460 and #1500470 for physical education and #1500480 for performing art). The student must still take the 0.5 credit Personal Fitness class to complete the requirement. If the student is waiving the PE credit, course numbers 1500450, 1500460, and 1500470 are awarded. Course number 1500480 is awarded for performing fine art.

Diploma Pathway Requirements Class of 2023-26

STANDARD DIPLOMA PATHWAY	REQUIREMENTS (must include (1) online course) <i>English Credits (English 1 – English 4) or equivalent accelerated course(s)-4 credits</i> <i>Math Credits Grades (9-12) (must include Algebra 1 and Geometry)-4 credits</i> <i>Science Credits (must include Biology 1, (3) courses must contain a lab component, and 2 equally rigorous courses)-4 credits</i> <i>Social Studies (must include World History, US History, 0.5 US Government & 0.5 Economics)-3 credits</i> <i>Fine or Performing Arts, Speech and Debate or Practical Art-1 credit</i> <i>½ Personal Fitness and ½ PE Elective-1 credit</i> <i>Elective Credits-9 credits</i> <i>Have a minimum, cumulative GPA of at least a 2.0 on a 4.0 scale</i> **An approved Computer Science course may take the place of a Math or a Science credit**
TESTING REQUIREMENTS	<i>Passing Score on: Grade 10 ELA FSA or concordant score and Algebra 1 EOC or comparative score</i> <i>EOC's in Algebra 1*, Geometry, Biology 1, and US History will count as 30% of the students overall grade</i> **A passing Industry Certification may take the place of a Science or Math credit.** Industry Certifications that lead to college credit may substitute for up to two Mathematics credits (except for Algebra 1 and Geometry). An Industry Certification that leads to college credit substitutes for up to one Science credit (except for Biology 1).
SCHOLARS DIPLOMA PATHWAY	REQUIREMENTS OF A STANDARD DIPLOMA PLUS: <i>*Earn (1) credit in Statistics or equally rigorous Mathematics course</i> <i>*Earn (1) credit in Algebra II or equally rigorous Mathematics course</i> <i>*Earn (1) credit in Chemistry or Physics</i> <i>*Earn (1) credit in Science course equally rigorous to Chemistry or Physics</i> <i>*Earn (2) credits in the same World Language course</i> <i>*Earn (1) credit in Advanced Placement, International Baccalaureate, Advanced International Certificate of Education, or Dual Enrollment course</i>
TESTING REQUIREMENTS	<i>Passing Scores on Grade 10 ELA, Algebra 1, Geometry, Biology 1, and US History EOCs</i>
MERIT DIPLOMA PATHWAY	REQUIREMENTS OF STANDARD DIPLOMA PLUS: <i>*Attain one or more Industry Certifications from the list established under S. 1003.492 F. S</i> ***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 1***
TEST REQUIREMENTS	SAME AS THE STANDARD DIPLOMA
SCHOLARS WITH DISTINCTION DIPLOMA PATHWAY	REQUIREMENTS OF A SCHOLARS DESIGNATION PATHWAY PLUS: <i>* Cumulative weighted GPA of 3.75 or higher</i> <i>* (3) consecutive years in the same World Language</i> <i>* (6) credits in AP or IB classes earning a grade of A or B or (4) AP or IB and (2) Dual Enrollment credits</i> <i>* (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.</i>
TEST REQUIREMENTS	SAME AS THE SCHOLARS DESIGNATION PATHWAY
CTE (Career and Technical Education) PATHWAY	REQUIREMENTS OF A STANDARD DIPLOMA (With exceptions below): <i>*Requires 18-Credits</i> <i>*4 electives instead of 9</i> <i>*2 credits in CTE Courses, must result in program completion and Industry Certification</i> <i>*2 credits in work-based learning programs or up to 2 elective credits, including financial literacy</i> <i>*Physical Education is not required</i> <i>*Fine and Performing Arts, Speech and Debate or Practical Arts is not required</i> <i>*Online course is not required</i>
TEST REQUIREMENTS	SAME AS THE STANDARD DIPLOMA

BILITERACY DIPLOMA	REQUIREMENTS OF STANDARD DIPLOMA PLUS: <i>*Earn 4 World Language course credits in the same language</i> <i>*Earn a cumulative GPA of 3.0 or higher on a 4.0 scale</i> <i>*Earn a qualifying score on a World Language assessment</i>
TEST REQUIREMENTS	SAME AS THE STANDARD DIPLOMA PLUS <i>Qualifying score on a World Language assessment</i>
ADVANCED PLACEMENT CAPSTONE DIPLOMA	REQUIREMENTS OF STANDARD DIPLOMA PLUS: <i>*Satisfactory completion of the AP Seminar course as determined by College Board</i> <i>*Satisfactory completion of the AP Research course as determined by College Board</i> <i>*Satisfactory completion of four additional AP courses as determined by College Board</i>
TEST REQUIREMENTS	SAME AS THE STANDARD DIPLOMA PLUS <i>Satisfactory completion of AP courses as determined by the College Board</i>

SEMINOLE COUNTY PUBLIC SCHOOL'S DIPLOMA PATHWAYS

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 setting, a diploma option in world languages, or an Advanced Placement diploma option.

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 more 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 accomplishment.

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

GRADUATION REQUIREMENTS & FSA & EOC PARTICIPATION

Standard Diploma High School Graduation Options (Students Entering 9th Grade in 2014-2015 and after)

26 credit standard diploma option available to all students, including students with disabilities	26 credit standard diploma option available only to students with disabilities: No access courses permitted	26 credit standard diploma available only to students with disabilities, who take access courses and the alternate assessment . *
4 Credits English Language Arts (ELA)		
ELA I, II, III, IV ELA honors, Advanced Placement (AP), Advanced International Certificate of Education (AICE), International Baccalaureate (IB) and dual enrollment courses may satisfy this requirement.	Must earn credits for all of the courses listed in the first column May substitute a CTE course with content related to English for English IV after a student study team review	Must earn credits for all of the courses listed in the first column May substitute access courses for general education courses May substitute a CTE course with content related to English for English IV after a student study team review
4 Credits Mathematics		
One of which must be Algebra 1 and one of which must be Geometry Industry certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra I and Geometry) Approved Computer Science courses can substitute for a math credit (except for Algebra I and Geometry)	Must earn credits for all of the courses listed in the first column 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) Approved Computer Science courses can substitute for a math credit (except for Algebra I and Geometry)	Must earn credits for all of the courses listed in the first column May substitute access courses for general education courses 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) Approved Computer Science courses can substitute for a math credit (except for Algebra I and Geometry) after a student study team review
4 Credits Science		
One of which must be Biology 1, two of which must be equally rigorous science courses. Two of the three required credits must have a laboratory component An Industry certification that leads to college credit substitutes for up to one science credit (except for Biology I) Approved Computer Science courses can substitute for a science credit (except for Biology I)	Must earn credits for all of the courses listed in the first column May substitute a CTE course with content related to science for one science credit after a student study team review (except for EOC course: Biology I) Approved Computer Science courses can substitute for a science credit (except for Biology I) after a student study team review	Must earn credits for all of the courses listed in the first column May substitute access courses for general education courses May substitute a CTE course with content related to science for one science credit after a student study team review (except for EOC course: Biology I) Approved Computer Science courses can substitute for a science credit (except for Biology I) after a student study team review

3 Credits Social Studies		
1 credit World History 1 credit in U.S. History .5 credit in U.S. Government .5 credit in Economics	Must earn credits for all of the courses listed in the first column 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)	Must earn credits for all of the courses listed in the first column May substitute access courses for general education courses 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)
1 Credit Fine and Performing Fine Arts, Speech and Debate, or Practical Arts**		
9 Elective Credits		
Online Course (IEP Team may waive if appropriate) Student may also earn a nationally-recognized industry certification in information technology.	Must include .5 credit in an employment-based course (OJT is a possibility) May include ESE courses Online Course (IEP Team may waive if appropriate)	May include employment-based course(s) Online Course (IEP Team may waive if appropriate)
1 Credit Physical Education to include Personal Fitness		
Students must earn a 2.0 grade point average on a 4.0 scale and pass statewide assessments (FSA ELA 10th grade and Algebra 1 EOC) unless a waiver of assessment results is granted by the IEP team.		

*Parental consent is required before a student may take access courses.

**Eligible courses and eligible course substitutions are specified in the Florida Course Code Directory.

THE ADVANCED PLACEMENT (AP) PROGRAM

The 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.

For informational videos regarding the variety of AP Courses at Oviedo High School please follow this link.

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 SEMINAR 1700500

1 Credit Grades 10-12

This foundational course provides students with opportunities to think critically and creatively, research, explore, pose solutions, develop arguments, collaborate, and communicate using various media. Students explore real-world issues through a cross-curricular lens and consider multiple points of view to develop deep understanding of complex issues as they make connections between these issues and their own lives. Students are assessed through two thorough--course performance tasks and a written exam.

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.

AP RESEARCH 1700510

1 Credit Grades 11-12

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.

Sequence for students strong in Language Arts:

9th Grade	English 1 Honors
10th Grade	English 2 Honors
11th Grade	AP English Language & Composition
12th Grade	AP English Literature & Composition

Sequences for students strong in Social Studies:

9th Grade	World Cultural Geography/AP Human Geography
10th Grade	AP World History
11th Grade	AP United States History
12th Grade	AP Macroeconomics/ AP United States Government and Politics

Students strong in social studies should also consider taking:

AP European History and/or **AP Psychology**. These courses do not substitute for graduation requirements in Social Studies.

Sequences for students strong in World Language:

9th Grade	French 1 or Spanish 1
10th Grade	French 2 or Spanish 2
11th Grade	French 3 or Spanish 3
12th Grade	AP French Language or AP Spanish Language

Native speakers (students who speak, read, and write in Spanish) may ask to be tested and placed in an appropriate level. It is advised that students who have already begun the Spanish sequence online should continue online for greater success. Since Colleges and Universities expect 2 -3 years of a world language for admittance, students should choose wisely.

THE ADVANCED PLACEMENT PROGRAM (Continued)

Recommended Sequences for Students Strong in Math:

9th Grade	Geometry Honors	OR	9th Grade	Algebra 2 Honors
10th Grade	Algebra 2 Honors		10th Grade	Precalculus and AP Statistics
11th Grade	Precalculus and AP Statistics		11th Grade	AP Calculus AB
12th Grade	AP Calculus AB or AP Calculus BC		12th Grade	AP Calculus BC

Recommended Sequences for Students Strong in Science:

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.

9th Grade	Biology Honors/ Chemistry Honors (if Biology I was taken in 8 th grade)/ Biotechnology 1/ Exp. Research 2
10th Grade	AP Physics 1 / AP Biology / Chemistry 1 Honors / AP Chemistry / Biotechnology 2/ Exp. Research 2
11th Grade	AP Physics 1/ AP Physics 2/ AP Enviro Sci/ AP Biology/ AP Chemistry/ Biotechnology 3/ Exp. Research 3
12th Grade	AP Physics 2/ AP Physics C/ AP Enviro Sci/ AP Biology/ AP Chemistry/ Biotechnology 4/ Exp. Research 4

Recommended Sequences for Students Strong in Fine and Performing 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.

Fine Arts

9th Grade	Art 2-D Art and Design / Painting 1, Drawing 1, or Photography 1
10th Grade	Painting 2 / Drawing 2 / Photography 2
11th Grade	Portfolio 1 / Photography 3 and AP Art History
12th Grade	AP Art 2-D Art & Design/ AP Art 3-D Art & Design/ AP Drawing and AP Art History

Performing Arts

11 th or 12 th Grade	AP Music Theory
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AP COMPUTER SCIENCE PRINCIPLES - 0200335

1 Credit Grades 9-12

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 an independent coding project completed during the school year and a multiple-choice exam.

AP COMPUTER SCIENCE A -0200320

1 Credit Grades 10-12

Successful completion of AP Computer Science Principles or coding experience is desirable but not required.

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.

PROGRAMS OF EMPHASIS

Oviedo High School Program of Emphasis

Bioscience Technology

The Oviedo High School's Bioscience Technology Program will seek to excite, engage, and educate students through a cutting-edge curriculum that will prepare them for the flourishing field within Bioscience Technology.

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 biotech 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 bedsides.

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 9,100 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 states 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*

COURSE NAME	CODE	LEVEL	SCIENCE	PREREQUISITE
Biotechnology 1	3027010	Honors	Yes	Biology Honors (concurrent)
Biotechnology 2	3027020	Honors	Yes	Biotechnology 1 and Geometry Honors
Biotechnology 3	8736030	Honors	Elective	Biotechnology 2 and Algebra 2 Honors
Biotechnology 4	8736030D	Honors	Elective	Biotechnology 3

English Language Arts

English 1

1001310 (Standard)
1001320 (Honors)

1 Credit **Grade 9**

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

1001340 (Standard)
1001350 (Honors)

1 Credit **Grade 10**

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 practice activities reinforcing skills that will be tested on the High School Competency Test.

English 3

1001370 (Standard)
1001380 (Honors)

1 Credit **Grade 11**

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

1001405 (Standard)
1001410 (Honors)

1 Credit **Grade 12**

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 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 Language & Composition 1001420 (AP)

1 Credit **Grade 11- 12**

This course is designed for the highly motivated college-bound student who wishes to pursue college level work while still in high school. The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language. The course is designed to develop flexible writers who are able to write in various modes for a variety of purposes. 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. For more information, please attend AP Curriculum night and watch information videos on our school website.

AP English Literature & Composition 1001430 (AP)

1 Credit **Grade 12**

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.

ESOL

Students will be placed in the ESOL program when two or more questions on the Home Language Survey (located on the entry form) have been answered with a 'yes' response. Students meeting the criteria through testing will remain in the program.

English Language Arts Through ESOL

1002300 English 1 Through ESOL Grade 9
1002310 English 2 Through ESOL Grade 10
1002320 English 3 Through ESOL Grade 11
1002520 English 4 Through ESOL Grade 12

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, 2, 3, and 4. 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

1002381BA Beginners
10023811A 9th Grade Intermediate
10023812A 10th Grade Intermediate
10023813A 11th Grade Advanced
10023813AD 12th Grade Advanced

1 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.

READING

Students with a level 1 or level 2 FSA Reading score may be selected for support in an Intensive Reading class (see course description below), a regular education class taught by a NGCAR-PD credentialed teacher, or an ELA class co-taught with a reading support teacher.

1000412 Intensive Language Arts 1 Grade 9

1000414 Intensive Language Arts 2 Grade 10

Students will be placed in this course by their counselor, with consideration given to the student's Reading FSA score. The course helps the student develop the habits and attitudes that will result in students becoming more effective readers. Students will explore strategies for reading, writing, and thinking. Instruction will focus on fluency, vocabulary, comprehension, critical thinking, and test-taking strategies. Students will improve test-taking skills and learn problem solving techniques to prepare for the FSA

Mathematics

Algebra 1 1200310 (Standard) 1200320 (Honors)

1 Credit **Grade 9**

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 equation 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.

Algebra 1 is required for high school graduation and students must pass the FSA exam.

Algebra 2 1200310 (Standard)

1 Credit Grades 9-12 **Pre-Req: Geometry**

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, and radical functions. Additional topics studied in this course include, but are not limited to defining functions, extending situations to model, and solving complex equations, including solving exponential equations using properties of logarithms. This course is designed to prepare students to be successful in higher level math courses. This course is taught using a scientific calculator.

Pre-Calculus 1202340 (Honors)

1 Credit Grades 10-12 **Pre-Req: Algebra 2**

This course is designed to provide foundation for the study of Calculus. Topics included will emphasize six areas: (1) extending right triangle trigonometry to unit circle trigonometry and trigonometric functions; (2) extending understanding of functions to trigonometric; (3) developing understanding of conic sections; (4) representing and performing operations with complex numbers and vectors in the coordinate plane; (5) extending understanding of relations in the plane using parametric representations, including polar coordinates and (6) analyzing arithmetic and geometric sequences and series. This course is designed to prepare students for success in Honors Calculus. This course will be taught using a TI graphing calculator (excluding the TI-89). Honors courses at OHS are taught at a rigorous pace; prerequisite and fundamental skills will not be taught.

Geometry 1206310 (Standard)

1 Credit Grades 9-12 **Pre-Req: Algebra 1**

This course is designed to develop critical thinking skills in mathematical situations using deduction and discovery. Practical applications of geometric skills and concepts are included. Topics include, but are not limited to logic and reasoning, proofs, the study of Euclidean geometry of lines, planes, angles, triangles, similarity, rigid transformations, congruence, geometric inequalities, explorations with polygons and circles, area and volume, and constructions. This course is taught using a TI 30Xa calculator.

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

Algebra 2 1200310 (Honors)

1 Credit Grades 9-12 **Pre-Req: Geometry**

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, and radical functions. Additional topics studied in this course include, but are not limited to: defining functions, extending situations to model and solving complex equations, including solving exponential equations using properties of logarithms. Topics in probability will also be covered. Algebra 2 Honors 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.

Calculus 1202300 (Honors)

1 Credit Grades 12 **Pre-Req: Pre-Calc or Trig**

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.

Geometry 1206320 (Honors)

1 Credit Grades 9-12 **Pre-Req: Algebra 1**

This course includes a rigorous, in-depth study of all of 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 Geometry is taught at a rigorous pace; prerequisite and fundamental skills will not be taught. Honors Geometry is taught predominantly using a flipped classroom model, which requires students to watch content videos and take guided notes outside of the classroom.

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

Probability & Statistics w/Applications 12010300 (Honors)

1 Credit Grades 10-12 **Pre-Req: Algebra 2**

This course is designed to give the students 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.

AP Calculus 1202310 (AB) 1202320 (BC)

1 Credit Grades 11-12 **Pre-Req: Pre-Calc**

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 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.

Mathematics (Cont.)

AP Statistics 1210320

1 Credit Grades 10-12 Pre-Req: Algebra 2 Hon

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.

Math for College Liberal Arts 1207350

1 Credit Grades 10-11 Pre-Req: Geometry

This course will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.

Math for College Algebra 1210320

1 Credit Grades 10-12 Pre-Req: Algebra 2

This course will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one-variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real-world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

Algebra 1 Math Lab (Elective) 1200400A

1 Credit Grade 9 Co-Req: Algebra 1

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, in order 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 a second math class, there is no homework assigned in the math lab. Removal from class will require administrative approval.

Math for Data & Financial Literacy 1200388

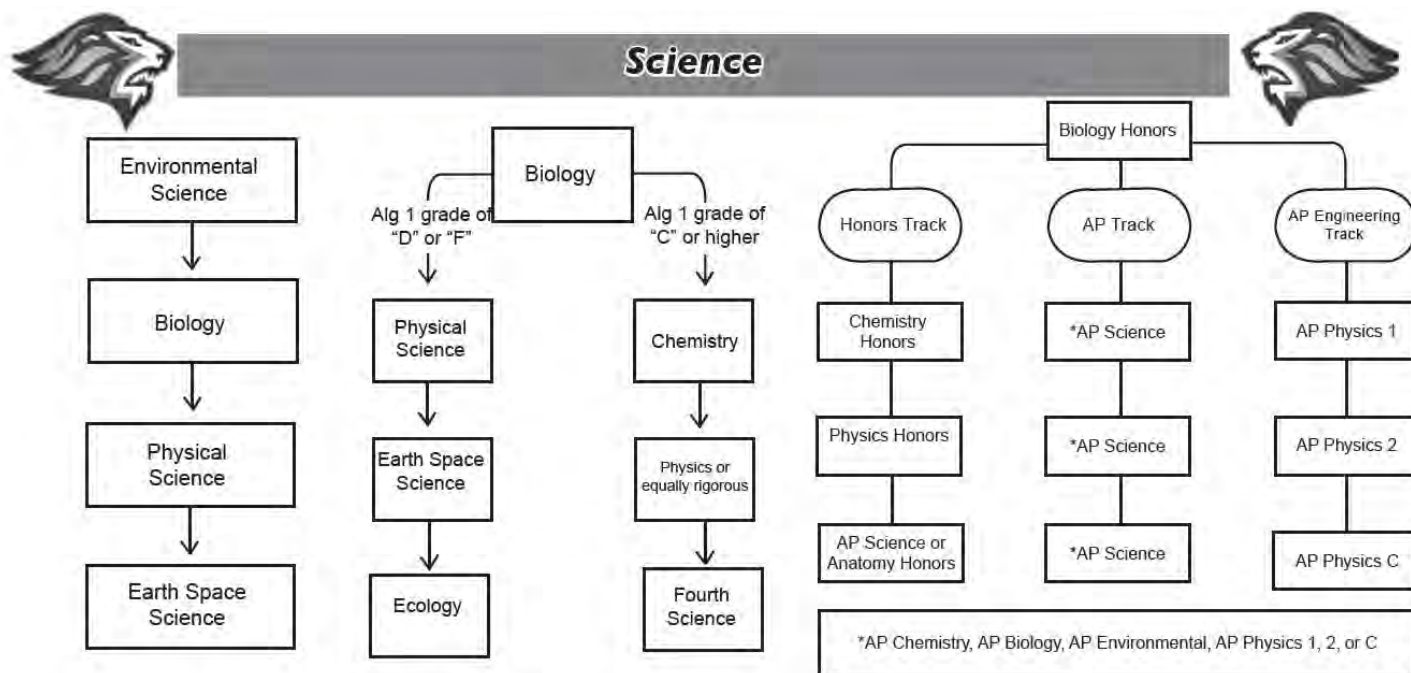
1 Credit Grades 12 Pre-Req: Geometry

This course will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

Geometry Math Lab (Elective) 1200400G

1 Credit Grade 9-12 Co-Req: Geometry

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, in order 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 a second math class, there is no homework assigned in the math lab. Removal from class will require administrative approval.



Science

Environmental Science 2001340

1 Credit **Grade 9**

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, in order 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.

Physical Science 2003310

1 Credit **Grade 10-11**

This course will prepare students to develop an understanding of the role of chemical and physical technology in everyday life and society. Laboratory activities and safe laboratory techniques are an essential component of the course and allow students to become familiar with scientific instruments and methods as well as provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

Students who have earned credit in or are currently enrolled in Chemistry or Physics are not eligible for this course.

Chemistry 2003340

1 Credit **Grade 10-12**
Prerequisite: Biology and Algebra 1

The purpose of this course is to introduce students to the study of the composition, properties and changes associated with matter. Topics include, but are not limited to atomic structure of matter, periodic table as an informational tool, types of chemical bonding, kinetic molecular theory, and water solutions. Laboratory activities and safe laboratory techniques are an essential component of the course.

Chemistry Honors 2003350

1 Credit **Grade 9-12**
Prerequisite: Biology Hon and Algebra 1 Hon

In this course, students will be provided with a study of composition, properties, and changes associated with matter. The content shall include, but not limited to measurement, classification and structure of matter, atomic theory, moles, periodicity, chemical bonding, formula writing, nomenclature, chemical equations, stoichiometry, kinetic theory, gas laws, acids and bases, energy relationships, solids, liquids, and solutions. Laboratory activities and safe laboratory techniques are essential component of the course.

Biology 1 2000310 (Standard)

1 Credit **Grade 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.

Earth/Space Science 2001310

1 Credit **Grade 10-11**

This course will prepare students to develop an understanding of the role of chemical and physical technology in everyday life and society. Laboratory activities and safe laboratory techniques are an essential component of the course and allow students to become familiar with scientific instruments and methods as well as provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

Students who have earned credit in or are currently enrolled in Chemistry or Physics are not eligible for this course.

Physics 2003380

1 Credit **Grade 11-12**
Prerequisite: Chemistry and Algebra 1

This course will provide students with an introduction to matter, energy, and the forces of nature. Topics include but are not limited to mechanics, optics, sound, electricity, and magnetism. Laboratory activities and safe laboratory techniques are an essential component of the course.

AP Chemistry 2003370

1 Credit **Grade 10-12**
Pre/Co-requisite: Algebra 2 Honors

AP Chemistry is a college level course in chemistry. Content should include, but not be limited to the structure of matter, the states of matter, chemical reactions, and descriptive chemistry. The challenging nature of this course require 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.

Biology 1 2000320 (Honors)

1 Credit **Grade 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 **Grade 10-12**
Prerequisite: Biology 1 Honors and Chemistry 1 Honors (concurrent 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.

Physics Honors 2003390

1 Credit **Grade 11-12**
Prerequisite: Algebra 1

This course will provide students with an introductory study of the theories and laws governing the interaction of matter, energy, and the forces of nature. The content shall include, but not be limited to: mechanics, wave phenomena, electricity, magnetism, optics, and sound. Laboratory activities and safe laboratory techniques are an essential component of the course.

AP Physics 1 2003421

1 Credit **Grade 10-12**
Prerequisite: Algebra 1

This is an algebra-based introductory physics course that covers motion, forces, energy, waves, sound, and electricity. Students will learn fundamental principles of nature while developing important problem-solving and analytical skills. Laboratory activities are a major part of this course. Based on the results of the AP exam, college credit may be earned.

Science (cont.)

AP Physics 2 2003422

1 Credit **Grade 11-12**
Prerequisite: Physics Honors or AP Physics 1

This is an Algebra-based Physics course that covers optics, electricity, magnetism, thermal physics, fluids dynamics, and modern physics. Students will learn fundamental principles of nature while developing important problem-solving and analytical skills. Laboratory activities are a major part of this course. Based on the results of the AP exam, college credit may be earned.

AP Physics C 2003422

1 Credit **Grade 12**
Prerequisite: AP Physics 1 or AP Physics 2
Pre or Co-requisite: AP Calculus

This is a calculus-based course that covers mechanics in the first semester and electromagnetism in the second semester. Both topics are treated in depth, and students will be prepared to take both the Mechanics and the Electricity & Magnetism AP Exams in May. This course is most appropriate for students who plan to major in engineering or physics. Based on the results of the AP exam, college credit may be awarded by participating colleges and universities.

AP Environmental Science 2003422

1 Credit **Grade 11-12**
Prerequisite: Biology Honors, Chemistry Honors, and Algebra 2 (concurrent or completed)

This is a college level course which provides the student with the scientific principles, concepts and methods required to understand the interrelationships of the natural world. The students will identify and analyze environmental problems both natural and man-made; evaluate the relative risks associated with these problems and examine alternative solutions for resolving and/or preventing them. Participating colleges and universities may award credit based on the student's score on the of the AP Exam.

Ecology 2000380

1 Credit **Grade 12**
Prerequisite: Biology

This course surveys key topic areas including the application of the scientific process to environmental analysis; ecology, energy flow, ecological structures, earth systems: atmospheric, land, and water, and the management of natural resources. Topics also include basic ecological principles of populations, biome identification, conservation management, endangered animals, and the impacts of growth. In order to be successful in this course, you must be willing to complete and participate in online learning, field work, lectures, and homework. Laboratory activities and safe laboratory techniques are an essential component of the course.

Anatomy and Physiology 2000350

1 Credit **Grade 12**
Prerequisite: Successful completion of 3 science credits.

This course provides exploratory activities in the structure and function of the components of the human body. This course will include a study of the organ-systems of the body utilizing anatomical terminology to describe and/or explain structure, composition, and physiological processes. Laboratory activities and safe laboratory techniques are an essential component of the course.

Students enrolled in Experimental Science are part of a program called Oviedo Science Research. In this program, students conduct their own research on a scientific topic of their choice during the school year. While challenging, it is exceptionally rewarding. Students develop valuable critical scientific thinking skills, computer skills, and become better communicators. Oviedo Research students overwhelmingly succeed at the regional, state, and even international science fair competitions earning numerous awards, scholarships, and prize money. Graduates have gone on to earn prestigious research positions at universities.

Anatomy and Physiology Honors 2000360

1 Credit **Grade 12**
Prerequisite: Biology Honors, Chemistry Honors, and an additional science credit.

This course provides advanced science students with a comprehensive background in human anatomy and physiology. The course will include a study the organ-systems of the body, utilizing anatomical terminology to describe, or explain structural composition and physiological processes. Laboratory activities are emphasized in order to enhance understanding of how the body works, and will include investigations centering around histology, microscopic and gross anatomy, and the physiology of vertebrate animal systems. Vertebrate dissection is a major part of this course.

Experimental Science Honors 2002340 Year 1 2002350 Year 2 2002360 Year 3 2002370 Year 4

1 Credit **Grade 9-12**
Prerequisite: Concurrent science is required (AP/Honors science is recommended).

Experimental Science is designed for self-motivated and inquiring science students interested in producing an original research project. This course requires significant time and effort inside and outside of class. Students will develop research questions suitable for scientific research competitions and possibly publication. Participation in the SCPS Regional Science Fair is mandatory; students will be expected to design and perform original research, record the research process, and analyze the results of their investigation, and write a research paper and produce a scientific poster to present their findings. Students may need to travel from campus to local research laboratories to conduct research. Weekend and after-school hours are required.

Oviedo High School
 Program of Emphasis
 Bioscience Technology 1, 2, 3, and 4
 See Page 8

Social Studies

World History 2109310 (Standard) 2109320 (Honors)

1 Credit **Grade 10**

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: Modern 2109420

1 Credit **Grade 10**

The purpose of the AP World History course is to develop a greater understanding of the evolution of global processes and contacts, in interaction with different types 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 2100310 (Standard) 2100320 (Honors)

1 Credit **Grade 11**

Prerequisite: World History

This course is designed to develop an understanding of the 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 2100330

1 Credit **Grade 11**

Prerequisite: World History

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 2106310 (Standard) 2106320 (Honors)

0.5 Credit **Grade 12**

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 local, state, and national 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 2102335 (Standard) 2102345 (Honors)

0.5 Credit **Grade 12**

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 European History 2109380

1 Elective Credit **Grade 11-12**

Prerequisite: World History

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 Art History 0100300

1 Elective Credit **Grade 10-12**

This course will provide students with an understanding and appreciation of painting, sculpture, architecture, and other art forms all within 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 Later 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.

AP United States Government & Politics 2106420

0.5 Credit **Grade 12**

Prerequisite: United States History

Corequisite: 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.

Students are required to be enrolled in both AP Macroeconomics and AP United States Government and Politics course. If one course is dropped, both courses must be dropped.

AP Macroeconomics 2102370

0.5 Credit **Grade 12**

Prerequisite: United States History

Corequisite: AP US Government & Politics

This semester long course introduces students to the principles that apply to an economic system as a whole. Students develop familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. There is particular emphasis on national income and price-level determination. Students learn to use graphs, charts, and data to show, analyze, describe, and explain economic concepts. Students will also develop an understanding of how concepts affect the national and international economy. 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 Economics.

AP Human Geography 2103400

1 Elective Credit **Grade 9**

This course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alterations of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. Additionally, student will gain experience with reading and interpreting data in various forms. Based on the results of the Advanced Placement Exam, college credit may be awarded by participating colleges and universities.

World Cultural Geography 2103300

1 Elective Credit **Grade 9-12**

The purpose of this course is to give students an understanding of the inter-relationships between people, their environment, and themselves. The 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.

Social Studies (Cont.)

AP Psychology
2107350

1 Elective Credit **Grade 11-12**

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.

Psychology
2107300 Level 1
2107310 Level 2

1 Elective Credit **Grade 10-12**

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.

Debate
1007330

1 Performing Fine Art Credit **Grade 10-12**

Debate teaches the fundamentals of oral communication and debate through argument, speaking, research, and style. Course content will focus on explaining and evaluating arguments and claims in oral and written texts. Students in this course will learn and be able to demonstrate appropriate formal and informal public speaking techniques. Students must be able to work in collaboration with peers, as well as work independently, for research and presentations. This course satisfies the fine arts requirement and is designed to aid students who want to increase their confidence in public speaking and in their critical thinking and analytical skills.

Exceptional Student Education

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

English	Math	Science	Social Studies	PE/Health
English 1	Liberal Arts Math	Environmental Integrated Science	World History	Personal Fitness
English 2	Algebra 1	Biology	United State History	Health Opportunities
English 3	Algebra 1A	Physical Science	United States Government (0.5)	Through Physical
English 4	Algebra 1B	Earth Space Science	Economics (0.5)	Education
	Geometry			
	Algebra 2			

Social Personal Skills
7963070

1 Credit **Grade 9-12**

The content of this course will provide students with knowledge of conflict resolution, making proper choices, and appropriate classroom behavior.

Learning Strategies
7963080

1 Credit **Grade 9-12**

Learning strategies is designed to promote skills that support student learning, using mainstream curricula materials as appropriate. The teacher will help the students identify and implement strategies to meet their individualized goals. Student progress toward goal attainment will be closely monitored. The Learning Strategies teacher will work corroboratively with students, classroom teachers, guidance counselors, and the other support staff.

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. Students are placed in corresponding Gifted sections of Honors courses based on their EP.

Any information requests regarding ESE courses or programs can be directed to the Administrator over Special Education Programs.

World Languages

****Many state colleges and universities require the 3rd year of a World Language.**

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, however, has agreed that the sequence of courses in American Sign Language will meet the World Language credit entrance requirement.

American Sign Language

0717300 Level 1

0717310 Level 2

0717312 Level 3 (Honors)

1 Credit

Grade 9-12

American Sign Language 1

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

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

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.

French

0701320 Level 1

0701330 Level 2

0701340 Level 3 (Honors)

0701380 (AP)

1 Credit

Grade 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 takes 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 Level 1

0708350 Level 2

0708360 Level 3 (Honors)

0708400 AP Spanish Language

0708410 AP Spanish Literature

1 Credit

Grade 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. Students are expected to know and demonstrate all tasks from Spanish 1. 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 are expected to know and demonstrate all tasks from Spanish 1 and 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 takes 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.

Career and Technical Education

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 provide students with half credit experiences meant to develop a preliminary understanding of careers. These programs do not lead to an industry certification.

OHS Career and Professional Education Academies (CAPE)	OHS Career and Professional Education Academies (CAPE) (cont.)
<u>Automotive Academy</u> 9504100 Automotive Maintenance and Light Repair <u>Culinary Academy</u> 8800500 Culinary <u>Early Childhood Academy</u> 8405100 Early Childhood Education <u>Bioscience Academy</u> 8736000 Industrial Biotechnology	<u>Television Production Academy</u> 8201500 Television Production Technology <u>Web and Digital Design Academy</u> 8209500 Digital Design 9001100 Web Development <u>Java Academy</u> 9007200 Java Development and Programming <u>Interior Design Academy</u> 8506500 Interior Design Services

ACADEMY NAME: Automotive Maintenance and Light Repair Academy

PROGRAM NAME: Automotive Maintenance and Light Repair

PROGRAM NUMBER: 9504100

PROGRAM DESCRIPTION: 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

COURSE NAME	CODE	LEVEL	Fine Arts	PREREQUISITE
Automotive Maintenance and Light Repair 1	9504110	Honors (3)	No	N/A
Automotive Maintenance and Light Repair 2	9504120	Honors (3)	No	9504110
Automotive Maintenance and Light Repair 3	9504130	Honors (3)	No	9504110
Automotive Maintenance and Light Repair 4	9504140	Honors (3)	No	9504120

ACADEMY NAME: Culinary Academy

PROGRAM NAME: Culinary Arts

PROGRAM NUMBER: 8800500

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

COURSE NAME	CODE	LEVEL	Fine Arts	PREREQUISITE
Culinary Arts 1	8800510	Standard (2)	No	N/A
Culinary Arts 2	8800520	Standard (2)	Yes	8800510
Culinary Arts 3	8800530	Honors (3)	Yes	8800520
Culinary Arts 4	8800540	Honors (3)	No	8800530

ACADEMY NAME: Oviedo High TV Production Academy**PROGRAM NAME:** Television Production Technology**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 program is for students to develop a variety of soft skillsets (collaboration, time management, problem-solving, creativity, etc.) useful in all career fields as well as the hard skill sets 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 NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
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	8201540	Honors (3)	Yes	8201530

*Add the following suffix to identify which program track you wish to participate: TV (WRORTV), DL (Digital Lion), SP (O-Town Sports)

ACADEMY NAME: Interior Design**PROGRAM NAME:** Design Services**PROGRAM NUMBER:** 8506500

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-science 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

COURSE NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
Design Services	8506405	Standard (2)	Yes	N/A
Principles of Interior Design	8506540	Standard (2)	Yes	8506405
Interior Design Techniques	8506550	Standard (2)	Yes	8506540
Interior Design Specialist	8506560	Honors (3)	Yes	8506550

ACADEMY NAME: Web and Digital Design Academy**PROGRAM NAME:** Digital Design**PROGRAM NUMBER:** 8200600

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.

COURSE NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
Digital Design 1	8209510	Honors (3)	Yes	N/A
Digital Design 2	8209520	Honors (3)	Yes	8209510
Digital Design 3	8209530	Honors (3)	Yes	8209520

ACADEMY NAME: Early Childhood Academy

PROGRAM NAME: Early Childhood Education

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, and lesson 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: Dept of Children and Families' Mandatory 45-hour Training, ServSafe Cert, Child Development Associate (CDA), Career Pathways through Seminole State College, and Florida Gold Seal Eligible National Registry of Food Safety Professionals

COURSE NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
Early Childhood Education 1	8405110	Standard (2)	No	N/A
Early Childhood Education 2	8405120	Standard (2)	No	8405110
Early Childhood Education 3	8405130	Honors (3)	Yes	8405120
Early Childhood Education 4	8405140	Honors (3)	No	8405130

ACADEMY NAME: Web and Digital Design Academy

PROGRAM NAME: Web Development

PROGRAM NUMBER: 9001100

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 as a Web Designer, Computer Programmer, Graphic Designer, Multimedia Artists, 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.

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

COURSE NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
Foundations of Web Design	9001110	Honors (3)	Yes	N/A
User Interface Design	9001120	Honors (3)	Yes	9001110
Web Scripting Fundamentals	9001130	Honors	Yes	9001120

ACADEMY NAME: Java Development & Programming Academy

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

COURSE NAME	CODE	LEVEL	Performing Arts	PREREQUISITE
Foundations of Programming	9007210	Honors (3)	No	N/A
Procedural Programming	9007220	Honors (3)	No	9007210
Object-Oriented Programming Fund	9007230	Honors (3)	No	9007220

Performing and Fine Arts

Band
1302300 Level 1
1302310 Level 2
1302340 Level 5 (Honors)
1302350 Level 6 (Honors)

1 Performing Fine Arts Credit Grade 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 performance are required. This includes Concert Band, Symphonic Band, and Wind Ensemble. The Band Director has final approval for placement in the various ensembles.

Instrumental Technique
13024200DL Level 1
13024300DL Level 2
13024400DL Level 3
13024500DL Level 4 (Honors)

1 Performing Fine Arts Credit Grade 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 requirement 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.

Eurythmics
1305300 Level 1
1305310 Level 2
1305320 Level 3
1305330 Level 4

1 Performing Fine Arts Credit Grade 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
1302500 Level 1
1302510 Level 2
1302520 Level 3
1302530 Level 4 (Honors)

1 Performing Fine Arts Credit Grade 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.

Music Ensemble
1305400

1 Performing Fine Arts Credit Grade 9-12

Students with little or no experience in a vocal or instrumental ensemble develop basic musicianship and ensemble performance skills through the study of basic, high-quality music in diverse styles. Student musicians focus on building foundational music techniques, music literacy, listening skills, and aesthetic awareness. 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.

Dance Techniques
0300310 Level 1
0300320 Level 2
0300330 Level 3
0300340 Level 4 (Honors)

1 Performing Fine Arts Credit Grade 9-12

Level 1: 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. **All Dance technique courses are activity-based classes and specific dance attire is required for these courses.**

Level 2: This course extends the acquisition and development of skills acquitted in Dance Techniques I with the beginning creation of basic group projects.

Level 3: This course extends the acquisition and development of skills acquitted in Dance Techniques I and II with an emphasis on group choreography, culminating in a final performance project.

Level 4 (Honors): This course extends the acquisition and development of skills acquitted in Dance Techniques I, II, and III. Emphasis shall be placed on staging and dance techniques through work in solo and group choreography, culminating in a final performance project.

AP Music Theory
1300330

1 Performing Fine Arts Credit Grade 10-12

The purpose of this course is to provide students, who already have a background in 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.

Beginning Chorus
1303300

1 Performing Fine Arts Credit Grade 9

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.*

Chorus Bravo
13033100BV Level 2
13033200BV Level 3
13033400BV Level 5 (Honors)
13033500BV Level 6 (Honors)

1 Performing Fine Arts Credit Grade 9-12

Pre-requisite: Audition in order to be placed in appropriate group.

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 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
(Advanced Women's Chorus)
13033600BC Level 1
13033700BC Level 2
13033800BC Level 5
13033900BC Level 6 (Honors)

1 Performing Fine Arts Credit Grade 10-12

Pre-requisite: Audition in order to be placed in appropriate group.

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.

Performing and Fine Arts (Cont.)

Horizons Chorus
(Advanced Mixed Chorus)
13034400HR Level 1
13034500HR Level 2
13034600HR Level 3
13034700HR Level 4 (Honors)

1 Performing Fine Arts Credit Grade 10-12

Pre-requisite: Audition in order to be placed in appropriate group.

This course will involve 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 (Piano)
1301360 Year 1
1301370 Year 2
1301380 Year 3
1301390 Year 4 (Honors)

1 Performing Fine Arts Credit Grade 9-12

Year 1 – This course will provide students with introductory experiences on the keyboard in performance skills and the interpretation of simple notation. The content includes but is not 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.

Years 2, 3, and 4 – These courses are for students who wish to refine their skills, musicianship, and techniques required for piano performance.

Debate
1007330

1 Performing Fine Arts Credit Grade 10-12

Debate teaches the fundamentals of oral communication and debate through argument, speaking, research, and style. Course content will focus on explaining and evaluating arguments and claims in oral and written texts. Students in this course will learn and be able to demonstrate appropriate formal and informal public speaking techniques. Students must be able to work in collaboration with peers, as well as work independently, for research and presentations. This course satisfies the fine arts requirement and is designed to aid students who want to increase their confidence in public speaking and in their critical thinking and analytical skills.

Theatre
0400310 Year 1
0400320 Year 2
0400330 Year 3
0400340 Year 4 (Honors)

1 Performing Fine Arts Credit Grade 9-12

Year 1 – This course introduces the basic areas of play production. These areas include studying theatre history, play structure, and preliminary acting techniques. Extensive reading of plays is required for this course. The required performances include one memorized monologue, a scene performance, and a group Reader's Theatre.

Years 2, 3, and 4 – 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 students challenge and strengthen their acting and explore the technical aspect of scene work. Prior approval from instructor required.

Acting
0400370 Year 1
0400380 Year 2
0400390 Year 3
0400400 Year 4 (Honors)

1 Performing Fine Arts Credit Grade 9-12

Year 1 – This focuses on individual acting techniques valuable in dramatic performances. The 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.

Years 2, 3, and 4 – These courses focus on acting technique 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.

Theatrical Direction and Stage Management
0400500 Year 1
0400510 Year 2 (Honors)

1 Performing Fine Arts Credit Grade 10-12

Year 1 – Students learn how to select, organize, and mount formal and informal stage productions by means of exploring the leadership roles of director and stage manager. Students focus on the nature and responsibilities of these roles in relation to the entire production team, the effect of the director's concept on the overall production, vocabulary and principles of the various elements of play production, techniques used to create effective theatre work, and basic knowledge and application of staging. 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.

Years 2 – Students execute the responsibilities of director or stage manager by applying standard theatrical conventions in specialized, practical assignments. Coursework includes play selection, justification, analysis, and the formation of a directorial concept. It also includes assembling a prompt book, a cast, production team, and tech crew. Effective team building, ensemble skills and communication practices are employed while successfully planning and running rehearsals leading toward a culminating project. 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.

Music Tech & Sound Engineering
1304300 Year 1
1304310 Year 2

1 Performing Fine Arts Credit Grade 9-12
Prerequisite: Completion of a Performing Arts credit and/or concurrent enrollment in a Fine Arts credit.

Year 1 – 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.

Years 2 – Music Tech and Sound Engineering 2 builds on the principals of Music Tech and Sound Engineering 1. Students will explore more technical aspects of show and performance. Students will be trained to plan, prepare, and implement a technical design (sound and lighting) for a show and/or musical performance.

Performing and Fine Arts (Cont.)

Creating 2-D Art 0101355

0.5 Fine Arts Credit **Grade 9-12**

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 3-D Art 0101365

0.5 Fine Arts Credit **Grade 9-12**

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.

Sculpture 0111310 Year 1 0111320 Year 2

1 Fine Arts Credit **Grade 10-12**
Prerequisite: Completion of Creating 3-D Art

Level 1 - This course is designed for students who want to continue to develop and expand the skills and techniques learned in 3D/Sculpture. Students will continue to work with the principles and elements of design. The course will focus on developing more complex and creative sculptural forms using a variety of media. Students will be expected to create imaginative and original designs, and they must be capable of independent study. This course integrates knowledge of art history to broaden personal viewpoints.

Level 2 - This course is a continuation of Sculpture 1 and should be taken by the serious student. Students will continue to develop sculptural forms which demonstrate strong design and technical skills and also reflect 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 projects outside of class. This course integrates knowledge of art history to broaden personal viewpoints.

Painting 0104370 Year 1 0104380 Year 2

1 Fine Arts Credit **Grade 9-12**
Prerequisite: Completion of Creating 2-D Art.

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.

Ceramics/Pottery 0102300 Year 1 0102310 Year 2

1 Fine Arts Credit **Grade 9-12**
Prerequisite: Completion of Creating 3-D Art

Level 1 - 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.

Level 2 - 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.

Creative Photo 0108310 Year 1 0108320 Year 2 0108330 Year 3 (Honors)

1 Fine Arts Credit **Grade 9-12**

Year 1 – This course introduces students to the fundamentals of photography- including camera controls, composition, lighting, and other artistic principles. Students participate in workshop-based critiques after each assignment and maintain a portfolio of their work. Students have access to digital cameras, Photoshop, Lightroom and the rest of the Adobe suite for editing and correcting photos in our Apple lab. This class focuses on digital photography and increases students' knowledge on the skills necessary to become a professional photographer.

Year 2 - Students will produce thousands of photos in this half semester class. Advanced shooting techniques will be covered, and additional Photoshop exercises will be covered. Students will explore the psychology of how photography captures our attention and how to best take timeless and interesting photographs. Creative Photo 2 may require additional supplies for class. Students will have access to digital cameras, Adobe CC and the Apple lab.

Year 3 - Creative Photo 3 develops new techniques for action and sports photography and adapting to difficult shooting scenarios. Students have the chance to explore specific styles and areas of interest and schedule real-world photo shoots outside of school. Traditional film and darkroom processes are available to CP3 students. Students are encouraged to enter local art shows, publish in the newspaper and yearbook, and build a portfolio.

Portfolio Dev. Drawing 0109310 (Honors) Year 1 0109320 (Honors) Year 2

1 Fine Arts Credit **Grade 10-12**
Prerequisite: Completion of Creating 2-D Art plus 2 additional art classes.

Level 1 - 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 ideas, techniques and imagery that can be applied to works of art. Students must maintain a personal sketchbook/journal. This course integrates knowledge of art history to broaden personal viewpoints.

Level 2 - 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

Drawing 0104370 Year 1 0104380 Year 2

1 Fine Arts Credit **Grade 9-12**
Prerequisite: Completion of Creating 2-D Art.

Level 1 - 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.

Level 2 - 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.

Performing and Fine Arts (Cont.)

AP Drawing, Art, and Design
0104300 AP Drawing
0109350 AP 2-D Art & Design
0109360 AP 3-D Art & Design

1 Fine Arts Credit **Grade 11-12**
Prerequisite: Portfolio and Portfolio review.

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 Art and Design 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, print making, etc. Video clips, DVD's, CD's, and three-dimensional works may not be submitted. However, still images from videos or films are accepted.

AP 3-D Art and Design 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 issue 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.

AP Drawing is designed to address a very broad interpretation of drawing issues and media. Painting, print making, 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.

Journalism
1006300

1 Practical (Fine) Arts Credit **Grade 9-12**

Students will explore the fundamentals of print, digital, audio, and visual journalism. This class is designed to teach students the basics of media literacy, build production skills in Adobe InDesign and Photoshop and Audition, and provide creative outlets for students to tell original, journalistic stories. Students will produce podcasts, magazine features, in addition to video and photojournalism projects. Students will use their skills to produce content for Oviedojournalism.com.

Humanities
Primitive Man to Pre-Renaissance
0900310 (Honors)

1 Elective Credit **Grade 10-12**

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 covers 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.

Digital Information Technology
8207310

1 Fine Arts Credit **Grade 9-12**

This course is designed to provide an overview of current business and information systems and trends and introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. DIT includes the exploration and use of databases, the internet, spreadsheets, presentation applications, management of personal information and email, word processing and document manipulation, HTML, web page design, and the integration of these programs using software that meets industry standards

Personal Financial Literacy
2102374

0.5 Elective Credit **Grade 12 ONLY**

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.

OHS 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.

Newspaper
1006331YN 5 (Honors)
1006332YN 6 (Honors)
1006333YN 7 (Honors)
1006334YN 8 (Honors)

1 Elective Credit **Grade 9-12**

Students in these classes will produce, publish, distribute, and market the award-winning The Lion's Tale newspaper. Students will work on all aspects of the publication including writing stories, designing pages, producing artwork, taking pictures and creating content for the web. Students will attain proficiency in the industry-standard Adobe Creative Cloud applications. The Lion's Tale is an entirely student-run business that supports itself through selling advertising and subscriptions and creates and maintains editorial excellence. Staff members may be expected to attend some after school activities. **Journalism 1 is not a requirement for joining newspaper.**

Yearbook
1006331YB 5 (Honors)
1006332YN 6 (Honors)
1006333YN 7 (Honors)
1006334YN 8 (Honors)

1 Elective Credit **Grade 9-12**

Students in these classes produce, publish, distribute, and market the award-winning Oviedian yearbook. Yearbook is a project-based class. Our annual mandate is to produce a high-quality, engaging, and necessary journalistic reminder of the students and culture here at Oviedo High School. All areas of publication will be covered with a strong emphasis on magazine-oriented design, journalistic standards, and attention-grabbing marketing. Students will utilize our Apple computer lab and become proficient in Adobe CC and CS6 throughout the year. Students will gain invaluable experience in a real-world business setting. Some after-school work will be necessary to accomplish these goals.

NJROTC

Navy Junior Reserve Officer Training Corps

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

1802300ST Special Teams Level 1
18023100ST Special Teams Level 2
18023200ST Special Teams Level 3
18023300ST Special Teams Level 4

1802300A2 Academic Teams Level 1
1802310A2 Academic Teams Level 2
1802320A2 Academic Teams Level 3
1802330A2 Academic Teams Level 4

Prerequisite: Levels 2-4 requires successful completion of previous level.

1 Credit Grades 9-12

Naval Science 1 introduces students to the precepts of citizenship and the value of scholarship in attaining life goals. It is designed as an introduction to the Navy and the NJROTC program, to stimulate enthusiasm for scholarship. Course content includes introduction to American Citizenship, Techniques of Communication, Leadership, Introduction to Naval Ships and Aircraft, Naval Customs and Courtesies, Basics in U.S. Government, Physical Fitness, Drug Abuse Prevention, Marksmanship, Discussion of Current Events and Orientation Trips and fun events. Oviedo NJROTC maintains 12 teams that compete at the local, state, and national levels. Teams include Academics, Air Rifle, Athletics, Drill, Drone and Orienteering. Students are eligible to become a member of all teams and attend competitions.

Naval Science 2 develops the traits of Citizenship and Leadership, introduces students to technical areas of Naval Science study, and engenders an awareness of vital importance of oceans to the continued well-being of the United States. Course material includes leadership (exercising leadership roles), importance of Navy/Maritime history to development of our civilization, basic understanding of scientific principles (why planes fly, how sonar works etc.), orienteering, physical fitness, discussion of current events, orientation trips, and fun events.

Naval Science 3 assists students in understanding the operative principles of military leadership, increases awareness of the significance of teamwork, emphasizes the intrinsic value of discipline in the accomplishment of assigned objectives, and teaches Naval academic subjects. Course content includes leadership and discipline, Naval operations, U.S. strategy and global politics, physical fitness, orienteering, discussion of current events, orientation trips, and fun events.

Naval Science 4 is designed to allow students the opportunity to "PRACTICE" the operative principles of military leadership, experience the significance of teamwork, practice discipline in the accomplishment of assigned objectives, and teach basic Naval academic/military subjects. Course content includes group dynamics, techniques of communication, American Citizenship, career opportunities, role of the U.S. Armed Forces, technology awareness, methods of instruction, human relations, leadership and discipline, the Naval service and Naval history, physical fitness, discussion of current events, orientation trips, and fun events.

*** Two years in an R.O.T.C. class waives the full one credit physical education requirement AND the full one credit performing arts requirement.**

***NJROTC requires a Florida High School Athletic Association (FHSA) pre-participation physical evaluation**

Physical Education

Care & Prevention of Athletic Injuries 1502490

0.5 Physical Ed Credit Grade 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 prevention, 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.

Personal Fitness 1501300

0.5 Physical Fitness Credit Grade 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. Page 3 of the guide contains lists of substitutions for this course.**

Power Weight Training 1501410

0.5 Physical Ed Credit Grade 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.

Weight Training 1501340 Level 1 1501350 Level 2 1501360 Level 3

Prerequisite: Completion of previous level.

0.5 Physical Ed Credit each Grade 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 1503310 Level 1 1503315 Level 2

0.5 Physical Ed Credit Each Grade 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.

Volleyball 1505500 Level 1 1505510 Level 2 1505520 Level 3

0.5 Physical Ed Credit Each Grade 9-12

Volleyball provides students with opportunities to acquire knowledge and skills in the sport of volleyball while maintaining and/or improving their personal fitness. Emphasis is on skill development through skills, drills, and team play.

Team Sports 1503350 Level 1 1503360 Level 2

0.5 Physical Ed Credit Each Grade 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.

Other Electives

Dividends 1400300

0.5 Elective Credit **Grade 12 ONLY**

Prerequisite: A minimum GPA of 3.0 and completion of an application is required.

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 clerical tasks.

Health & Life Management Skills 0800300

0.5 Elective Credit **Grade 9-12**

This course is designed to help students manage and live a better quality to 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 0800320

0.5 Elective Credit **Grade 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.

Peers as Partners in Learning 1400340

Prerequisite: A willingness to work with students with disabilities.

0.5 Elective Credit **Grade 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 engagement, 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. Students requesting this course will be required to complete an application prior to formal acceptance into the program.

African-American History Honors 2100336

0.5 Elective Credit **Grade 10-12**

The primary content emphasis for this course pertains to the study of the chronological development of African Americans by examining the political, economic, social, religious, military, and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs.

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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 meet from 3:30-5:30 on Tuesdays and Thursdays unless otherwise noted. **Please note that courses are subject to cancellation due to low enrollment or change in instructor availability.**

Program Name	Hosting School	Course Codes	Course Description
Applied Robotics	Lake Mary	Yr. 1- 9410110X Yr. 2- 9410120X Yr. 3- 9410130X Yr. 4- 9410140X	The students in this program will build and participate in the FIRST Robotics Competition (FRC) at UCF. This course requires some Saturday participation.
Automotive Maintenance and Light Repair	Oviedo	Yr. 1- 9504110X Yr. 2- 9504120X Yr. 3- 9504130X	This program provides students with the theory and practical knowledge of basic automotive systems and principles.
Aviation	Seminole	Yr. 1- 9540610X Yr. 2- 8715110X Yr. 3- 8715120X Yr. 4- 8715130X	This state-of-the-art program is designed to prepare students for pursuit of employment or advanced training in the commercial and general aviation industry.
Cosmetology	Lake Howell	8757210X (.5) 8905120X (.5)	Students will practice performing services of the hair, skin, and nails throughout this course
Electrical *Mondays and Wednesdays 3:30-5:30	Lyman	Yr. 1- 8727210X Yr. 2- 8727220X Yr. 3- 8727230X	This program focuses on the fundamentals of electrical technology utilizing the same equipment, materials, tools, and techniques as industry professionals.
Heating, Ventilation, and Air Conditioning (HVAC)	Lyman	Yr. 1- 8713010X Yr. 2- 8713020X Yr. 3- 8713030X	This program focuses on the fundamentals of HVAC technology utilizing the same equipment, materials, tools, and techniques as industry professionals.
Technical Design	Lake Mary	Yr. 1- 8401010X Yr. 2- 8401020X Yr. 3- 8401030X Yr. 4- 8601900X	This program focuses on Engineering, Architecture, 3D Modeling & 3D Printing.

Scan our QR Code to view our detailed CTE After School Course Guide



VIRTUAL SCHOOL



Virtual schools provide a high-quality education along with flexible options to meet the demanding schedule of the 21st century student. Seminole County Virtual School (SCVS) is a franchise of Florida Virtual School, and also uses courses created or purchased by SCVS.

Students may attend SCVS full-time or part-time. Full-time options allow students to earn a standard Florida high school diploma. Full-time enrollment in SCVS occurs during two windows which are published on the SCVS website. Part-time enrollment NEVER closes and students may enroll in classes throughout the school year. Virtual classes can be taken in multiple ways including: outside of the school day, during the school day at home, or at the student's school in a virtual lab (pending space availability). Additionally, the district 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.scvs.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

<u>Math:</u>	Algebra I*, Geometry*, Algebra II*, Pre-Calculus (H), Calculus (H), Math for College Readiness, AP Calculus AB, AP Calculus BC, AP Statistics, MJ Math Suite, Math for Data and Financial Literacy, Probability and Statistics with Applications Honors
<u>Language Arts:</u>	English I*, English II*, English III*, English IV*, English IV College Prep, AP English Language, AP English Literature, Journalism,
<u>Social Studies:</u>	World History*, AP World History, U.S. History*, AP U.S. History, Economics*, AP Macroeconomics, AP Microeconomics, U.S. Government*, AP U.S. Government, AP Human Geography, AP Psychology, Anthropology, Sociology, Personal Financial Literacy
<u>Sciences:</u>	Biology I*, AP Biology, Earth Space Science*, Chemistry*, Physics*, Marine Science*, Physical Science*, Anatomy & Physiology*, Forensic Science, Environmental Science
<u>World Languages:</u>	French I, II & III*, AP French Language, Spanish I, II & III* IV*, AP Spanish Language, American Sign Language I, II, III*, IV*
<u>Electives:</u>	Many options, including Personal Fitness/Fitness Lifestyle Design, Art, Guitar, AP Art History, Drivers Ed, Hospitality & Tourism, and much more! See website for a complete list.



Seminole County Virtual School (SCVS) has its very own program of emphasis, Hospitality and Tourism. This program is designed for students who are considering a career in Hospitality and Tourism; including food and beverage, lodging, event planning, travel and tourism, entrepreneurship, etc.

Our program consists of four courses, industry certifications, work-based learning opportunities (including job shadowing, career fairs, etc), engaging worksite tours, conferences, competitions, and culminating in an internship in the field of Hospitality and Tourism.

SCVS is the first virtual National Academy Foundation (NAF) Academy and our goal is to create opportunities for students so that they work closely with well-renowned business partners and community members via events like guest speakers, worksite tours, career fairs, job shadows and end their course suite with an internship. This program offers students beneficial experiences so that they succeed in this dynamic and high-growth industry right out of high school!





FEBRUARY 1 – APRIL 1, 2022

On Time Application Period

HIGH SCHOOL PROGRAMS OF EMPHASIS



- Programs of Emphasis provide a focused area of study centered around a career pathway.
- Students who are zoned for the school may select a Program of Emphasis via course scheduling and should speak with a school counselor.
- A limited number of seats in the programs listed in this guide may be available for 9th-12th grade students who are not zoned to the school.
- Acceptance into a program of emphasis for students applying for grade ten and above is contingent upon a school based administrative review of their transcripts.

	MODELING, SIMULATION, & ANALYSIS (C)	Hagerty High School	In the Modeling, Simulation, & Analysis program students learn to navigate and create detailed models and virtual simulations. This pathway has the potential to lead to high paying careers in diverse fields related to modeling/simulation technologies and program management.
	ACADEMY OF FINANCE (C)	Lake Brantley High School	The Academy of Finance offers a curriculum comprised of finance and business technology including Accounting Applications and Personal Financial Planning.
	CREATIVE DESIGN & ENTERTAINMENT (C)	Lake Brantley High School	Students who participate in the Creative Design & Entertainment Program have the opportunity to develop their artistic and digital skill sets while preparing for a future career. Currently, the program includes the following pathways: Digital Photography Technology, 3D Animation Technology, Interior Design, and Digital Audio Production.
	CYBERSECURITY (C)	Lake Howell High School	The Cybersecurity program curriculum introduces and prepares students for careers in computer science and cyber-defense in multiple industries.
	BUSINESS & ENTREPRENEURSHIP (C/D)	Lake Howell High School	The Business & Entrepreneurship program curriculum introduces the broad spectrum of business, industry, and small business initiatives. Students will develop the fundamental knowledge and skills necessary to start and operate a business. This program includes opportunities to earn dual enrollment credit or an Associate in Arts degree in Business from Seminole State College.
	ADVANCED MANUFACTURING & INNOVATION (C)	Lake Mary High School	The Advanced Manufacturing & Innovation program provides students the opportunity to design and prototype innovative products using high-tech, industry standard equipment.
	FORENSIC SCIENCE & LEGAL STUDIES (D)	Lake Mary High School	This program includes two pathways: Forensic Science uses groundbreaking, modern scientific technology in crime scene investigation and Legal Studies teaches the foundations of our legal system.
	ACADEMY OF BUILDING AND DESIGN (C)	Lyman High School	The Academy of Building & Design provides students with the opportunity to explore careers in General Building Trades, Electrical, HVAC/Refrigeration, and Welding. Students will follow a progression of courses aligned with a chosen trade and complete industry-specific course content that will help them obtain employment in the construction industry.
	BIOSCIENCE TECHNOLOGY (C)	Oviedo High School	The Bioscience Technology program prepares students to be successful in career fields of applied biology in various industries. The courses are designed to be predominantly laboratory based with a focus on utilizing bioscience equipment and practicing lab technician skills.
	PROBLEM SOLVING INCUBATOR (C)	Seminole High School	PSI High is a project-based, full-time Program of Emphasis in which students work in a high tech school of the future designed to solve real community, business, and social problems. All students complete the Business Management and Analysis CTE program, earn multiple industry certifications in either digital design, product engineering, or computer application design, and gain direct management experience operating a School-Based Enterprise.
	AVIATION ACADEMY (C)	Seminole High School	The Aviation Academy allows access to two programs. In Aviation Maintenance students learn core flight safety and the inner workings of aircraft through maintenance coursework. The Avionics Systems program introduces students to the high-tech electronics systems aboard an aircraft. The Aviation Academy is designed to prepare students for employment or advanced training in the aviation industry.
	RENEWABLE ENERGY (D)	Winter Springs High School	The Renewable Energy program allows students to study energy technologies and the advantages, disadvantages, and limitations of renewable energy resources for a sustainable future.
	PUBLIC SERVICE ACADEMY	Winter Springs High School	The Public Service Academy exposes students to the wide variety of career opportunities in government operations and public safety. The program includes three pathway options: Principles of Teaching, Criminal Justice Operations, and Emergency Planning & Response.

C = Program Includes Industry Certification D = Program Includes Dual Enrollment Credits

APPLY AT WWW.SEMINOLESCHOOLCHOICESAPPLICATION.US