COURSE PLANNING GUIDE

2026-2027

OLENTANGY SCHOOLS℠

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OLENTANGY SCHOOLS

2026-2027

High School Course Planning Guide

OLENTANGY BERLIN HIGH SCHOOL

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Main Office: 740-657-5900
Athletic Office: 740-657-5910
Student Services: 740-657-5921

OLENTANGY HIGH SCHOOL

675 Lewis Center Road, Lewis Center, OH 43035
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Student Services: 740-657-4121

OLENTANGY LIBERTY HIGH SCHOOL

3584 Home Road, Powell, OH 43065
Main Office: 740-657-4200
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OLENTANGY ORANGE HIGH SCHOOL

2840 E. Orange Road, Lewis Center, OH 43035
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OLENTANGY ACADEMY

7774 Graphics Way, Lewis Center, OH 43035
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LETTER OF INTRODUCTION

Dear Olentangy High School Student:

Planning and selecting courses in high school is an important step toward achieving your future goals. This Course Planning Guide is designed to assist you and your family in navigating state-required classes for diploma completion and exploring the wide range of elective options available. Thoughtful course selection will help you discover your interests and prepare for one or more of the 4 “E”s: enrollment in college, employment in the workforce, enlistment in the military, or entrepreneurship as a career path.

As you plan, we encourage you to approach scheduling with a focus on purposeful growth and balance. High school is not only about academic preparation but also about cultivating well-being, exploring passions, and building a healthy school-life balance. It is important to avoid the “success trap”: the pursuit of accomplishments at the expense of identity, joy, or mental health. By creating a schedule that challenges you while also leaving space for rest, relationships, and exploration, you can position yourself for long-term success and fulfillment.

This guide provides a comprehensive overview of the robust curriculum offered at Olentangy high schools. For required courses, which follow a prescribed sequence, your teachers will recommend the next step in their department’s progression. These courses will be pre-entered for you, allowing you to concentrate on choosing elective courses that align with your passions and aspirations.

Once course recommendations have been made by you and your teachers, your family will have an opportunity to review and verify the selections. Additionally, you will meet with a school counselor during the year to finalize and schedule your course requests.

Our goal is to support you in making informed decisions about your class selections while helping you foster both academic achievement and personal well-being. We are here to ensure that your high school experience sets you on a path to success, whatever your future holds. Please don’t hesitate to reach out if you have questions or need assistance.

Sincerely,

High School Administrators and School Counselors

ACADEMIC OVERVIEW AND GRADUATION

SUMMARY OF GRADUATION REQUIREMENTS

Ohio's graduation requirements consist of three components: (1) **Course Completion**, (2) **Competency** and (3) **Readiness.** More specific information for graduation can be found here: Ohio's Graduation Requirements. *Ohio Revised Code section 3313.618*

COURSE COMPLETION. To graduate and receive a diploma, a student must meet the graduation requirements set forth by the Ohio Department of Education, as well as any local requirements. Olentangy Local School's requirements for graduation include earning **twenty-two (22)** credits in grades nine through twelve as outlined below.

For students enrolled in special education, the criteria for graduation and the extent of participation in the State mandated assessment tests will be determined by each student's IEP team. No student shall be required to remain in school for any specific number of semesters or other terms if the student completes the required curriculum early. Additional units of credit may extend and broaden this education, or the additional units of credit may be devoted to specialized vocational or academic work.

CREDIT REQUIREMENTS	REQUIRED COURSES
4.0	English
0.5	Health
0.5[1]	Personal Finance (class of 2026 and beyond)
4.0[2]	Math
0.5[3]	Physical Education
3.0[4]	Science
3.0[5]	Social Studies
1.0[6]	Fine Arts -- Visual Arts courses; Performing Arts courses; Instrumental music; Vocal music; Theater
5.5[7]	Additional Electives/Credits
22	**Total Credits Required for Graduation**

[1]Personal Finance is designed to meet Ohio's financial literacy course requirement. State law allows for AP Microeconomics and certain CCP courses to also fulfill this requirement.

[2]Mathematics units must include at least one (1) unit of Algebra II or equivalent.

[3]Students may be exempt from the physical education requirement if they utilize the District physical education waiver policy. Another one-half (.5) credit course must be taken in its place.

[4]Science must include one (1) unit of physical sciences, one (1) unit of life sciences, and one (1) unit of advanced study in one or more of the following sciences: chemistry, physics, or other physical sciences; advanced biology or other life science; astronomy, physical geology, or other earth or space science.

[5]Students must earn credit in U.S. History, U.S. Government, Economics, and World History.

[6]Students must earn one (1) unit of Fine Arts (visual or performing arts) or otherwise satisfy the arts requirement of the Ohio Core by successfully completing two (2) semesters or the equivalent of Fine Arts in grades 7-12.

[7]Elective units must include any combination of world language, fine arts, business, career-technical education, family and consumer sciences, technology, or English language arts, mathematics, science or social studies courses not otherwise required.

COMPETENCY. In addition to earning credits, students will demonstrate competency in the foundational areas of English language arts and mathematics. The Ohio Department of Education and Workforce determined that "competency" would be set at a score of 684. Students must earn a score of 684 or higher on both the Algebra I and ELA II Ohio State tests to meet this requirement. *Ohio Revised Code section 3301.0712(B)(10).* Alternative Demonstrations of Competency are explained in this link: Demonstrating Competency.

READINESS. In addition to earning credits and demonstrating competency, students will show readiness for their post-high school paths by earning two diploma seals, one of which must be a state seal, that allow them to demonstrate important foundational and well-rounded academic and technical knowledge, professional skills, and leadership and reasoning skills. The district Graduation Requirements for 2026 and beyond shares details about diploma seals.

TESTING REQUIREMENTS FOR GRADUATION

For the class of 2023 and beyond, students will take **six end-of-the course exams**: English II, Algebra I, Geometry, Biology, U.S. History and U.S. Government.

EARLY GRADUATION REQUIREMENTS

Students seeking to accelerate their four-year high school academic program should contact the principal for approval. An Early Graduation Request Form obtained from Student Services should be completed prior to the parent/counselor/administrative conference that will be required to review the request.

HONORS AT GRADUATION

Academic Recognition at Commencement

A growth mindset in all academic and co-curricular pursuits is encouraged at Olentangy Schools' high schools. Ranking students on GPAs for college admission, however, diminishes the growth mindset. As such, the high schools will honor students at graduation and commencement, based upon the following standards of achievement:

Students will be honored at commencement based on the following cumulative weighted GPA scale.

Summa Cum Laude:	4.000 GPA and above
Magna Cum Laude:	3.800 to 3.999
Cum Laude:	3.670 to 3.799

The high schools will recognize as valedictorian(s) anyone who achieves the highest cumulative GPA in the class at the end of the seventh and/or eighth semester. To be eligible, a student must have attended an Olentangy high school for his/her/their entire fifth through eighth semesters.

The following ranking is used for certain senior honors.

1. Class rank shall be computed by the final grade in specific subjects.
2. The rank of the student will be determined by grade point average. All students receiving the same GPA shall receive the same class rank.
3. In recognition of the heavier burden of Advanced Placement, College Credit Plus and CTAG classes, grade point averages shall be weighted by awarding up to 1.0 extra unit.
4. A student's grade point average and rank in class shall be entered only on their record and shall be subject to the board's policy on release of student records. A student's class rank is used for internal purposes and is not released to colleges and/or other institutions or agencies without prior written consent from the individual or his/her/their parents/legal guardians if the student younger than eighteen (18) years of age.

Regular Diploma
A diploma will be issued to students who meet all requirements of the Ohio Department of Education and Olentangy Board of Education for graduation.

Honors Diploma
High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences. Ohio students have the opportunity to choose to pursue one of six honors diplomas.

- Academic Honors Diploma
- International Baccalaureate Honors Diploma
- Career Tech Honors Diploma
- STEM Honors Diploma
- Arts Honors Diploma
- Social Science and Civic Engagement Honors Diploma

Additional details about the options for the honors diplomas are linked.

COURSE PLANNING INFORMATION

CO-CURRICULAR COURSES

Co-curricular courses are learning experiences that directly support and extend the academic curriculum through structured, credit-bearing activities, including mandatory activities outside of the traditional school day. These courses reinforce classroom learning while providing opportunities for students to apply skills, explore interests, and engage in authentic, real-world or performance-based learning beyond traditional academic classes.

COURSE RECOMMENDATION

Olentangy teachers make course recommendations for all students using achievement test information and personal knowledge of the student and their learning. Parents/Guardians and students who disagree with a teacher's recommendation should follow the Course Parental Override Procedure outlined in the next section.

COURSE PARENTAL OVERRIDE PROCEDURE

Olentangy teachers make specific recommendations about which courses are most appropriate for their students using achievement test data, current and previous course grade history, and specific knowledge of their students. If a student and their parents wish to take a course the student's teacher has not recommended, a course parental override conference may be held, and an override form must be completed by the student and parent(s).

COLLEGE ADMISSIONS

Those who intend to go to college should become aware of the entrance requirements of the college or university they wish to attend and organize and schedule their high school curriculum to meet these requirements. Students who are undecided about their choice of a college, but who wish to be prepared for minimum admission standards should take the suggested college prep curriculum as defined by the Ohio Board of Regents (the governing board for all Ohio colleges and universities). The **recommended**

college preparation requirements are listed in the following table. The number indicated in the parentheses represents the recommended number of units for strong preparation for university admission. These recommendations exclude the required electives, such as Health and Financial Literacy.

English	4 Units
Mathematics	4 Units
Science	3 (4) Units
Social Studies	2 (3) Units
World Language	2 (3) Units
Visual or Performing Arts	1 Units
Additional Courses	1 additional unit

Students may be accepted at colleges and universities on "conditional" admission. A conditional admission means the university might request the completion of a specific course prior to admission at the college or university.

The courses listed above represent a **recommended high school curriculum** for most colleges and universities. Some will accept fewer credits, and some will require more than what you see in the list above. We stress, again, the need to review what you know about the admission requirements as soon as possible, since there is considerable variation in college/university admission standards and requirements. The appropriate college catalog or web page should be consulted for more information.

We stress, also, that college admission cannot be assured simply by the accumulation of the required high school credits but is dependent to a great extent on one's overall academic success. Often college admission considers other factors such as ACT/SAT scores, participation in extra-curricular activities, the quality of an admission essay, recommendations from the school and/or teachers, and enrollment in advanced placement and honors courses.

FULL TIME STUDENT STATUS

Ohio Revised Code §3317.034(E) states that a high school student is considered full-time when enrolled in at least five units of instruction per school year. Olentangy schools interpret this to mean that students must be enrolled in five courses (or the equivalent) at any time during the academic school year. If a student is not enrolled in 5 courses (or the equivalent), they are no longer considered full-time. For additional information, please see Guidance for Determining Full-Time Status for High School Students.

ELIGIBILITY FOR PARTICIPATION IN HIGH SCHOOL ATHLETICS

If a student plans to participate in athletic activities, the student must be enrolled in and passing five credits in each grading period (excluding PE classes, weightlifting, and math/science labs). In addition, each student must earn a minimum GPA of 1.50 per quarter. If the GPA is not met, students will lose eligibility to participate during the next grading period.

Summer school grades, exam grades, semester grades, credit flex courses, and final course grades do not count toward eligibility. Grades earned in the previous quarter are used for determining eligibility purposes. For example, eligibility for first quarter participation is determined by fourth quarter grades from the previous school year.

OHSAA provides Guidelines for Student Athletic Eligibility, including how College Credit Plus impacts eligibility.

NCAA ELIGIBILITY REQUIREMENTS FOR STUDENT ATHLETES

Students planning to compete in Division I or Division II athletics at the collegiate level are responsible for ensuring their core courses meet NCAA eligibility standards. To verify course compliance and to learn more about the academic requirements for student-athletes, visit the NCAA Eligibility Center.

Information concerning who needs to register with the Clearinghouse and what documents should be submitted can be found in *The Guide for College-Bound Student Athletes,* located on the NCAA Eligibility Website under the Student-Athletes tab. Athletes should be ready to report their SAT or ACT scores before establishing eligibility. If there are any questions concerning this important part of becoming a student athlete in college, please meet with your high school's athletic director.

COURSES WITH FEES

Select courses have additional supplies, exams (such as AP exams), print and digital learning materials, and/or *pay to participate* fees associated with them. Course descriptions include information about course fees. Contact your school's Registrar for additional information and specific questions about course fees and the amount of the course fees.

SCHEDULE CHANGE POLICY

The following regulations will be followed at all Olentangy high schools.

1. Due to commitments for staff employment/assignments and ordering of textbooks and other supplies, no schedule changes can be made after the last school day except for the following reasons:
    a. Mechanical error changes
    b. Changes necessitated by failures
    c. Class balancing (guidance and administrative)
    d. Subject-level changes (teacher recommendation)
    e. Addition of a class in lieu of study hall during the same period
    f. Administrative (teacher/guidance) recommendation

2. If a student wishes to appeal the schedule change policy, please follow the building guidelines.

3. Dropping classes – While we hope students have scheduled courses that make sense for academic and personal growth goals, we recognize the factors outside of a student's control in completing the course may occur after the class begins; therefore, the drop policy outlined in the items below will encourage students to talk to their teachers, reach out for help, if needed, and/or consult their families and/or school counselors for a source of guidance, when considering a drop of a class from their schedule.
    a. DROP POLICY – FULL YEAR CLASSES- For classes scheduled for the full year, students will be allowed to drop a class in the first quarter without any penalty; a drop of a class in the second quarter would generate a grade on the transcript of Withdraw (W)*; and, during the third or fourth quarters, a drop of a class would generate a grade on a transcript of Withdraw (F) or (WF).
    b. DROP POLICY – SEMESTER-LENGTH CLASSES – For classes scheduled in one semester, a drop without penalty will be allowable through the first 25% of the course or the interim period; a drop that takes place during the second 25% of the course would lead to a Withdraw (W)* on the transcript, and a drop that takes place in the second half or second 50% of the semester would lead to a Withdraw F or (WF) on the transcript.
    *NOTE: A mark of W on the transcript does not affect the overall GPA.

4. Adding classes – The need to add a class may arise when changes to a schedule are made or a student decides about future goals that would require a schedule change (e.g., interested in attending a culinary institute after a high school, so he/she/they change electives). The following items outline the district 'Add' policy:
    a. ADD POLICY – FULL YEAR CLASSES – Students may consult their counselors to add class(es) up to 10 school days from the first day of the school year.
    b. ADD POLICY – SEMESTER-LENGTH COURSES – Students may consult their counselors to add classes up to 5 school days of the semester (includes both the fall and spring semesters).

FEDERAL/STATE/LOCAL COMPLIANCE

The Olentangy Local School District complies with federal laws that prohibit discrimination in programs and activities receiving federal assistance. Title VI of the Civil Rights Act of 1964 prohibits discrimination on the basis of race, color or national origin. The Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 prohibits discrimination on the basis of handicap. Title IX of the Education Amendments of 1972 prohibits discrimination on the basis of sex. The Age Discrimination Act of 1975 prohibits discrimination on the basis of age. Olentangy Local Schools also complies with the Family Education Rights and Privacy Act of 1994 and grants parents/guardians the right to examine children's official school records. Inquiries regarding unlawful discrimination may be directed to the principal of the building or the district compliance officer.

SUGGESTED SEQUENCE OF STUDY

(R) = Required class for that grade level
(RS) = Required class to graduate; suggested for this grade level but may be taken at another time

Recommended Curriculum by Grade Level

9th Grade	
English (R)	1 credit
*Math (R)	1 credit
Physical Science (R)	1 credit
World History 1750-Present (R)	1 credit
Physical Education I (RS)	¼ credit
Health (RS)	½ credit
World Language / Other electives	1 credit

10th Grade	
English (R)	1 credit
*Math (R)	1 credit
Biology (RS)	1 credit
U.S. History 1877-Present (R)	1 credit
Physical Education II (RS)	¼ credit
World Language***/Other elective	1 credit

11th Grade	
English (R)	1 credit
*Math (R)	1 credit
Chemistry (R)	1 credit
World Language	1 credit
U.S. Government (RS)	½ credit
Economics (RS)	½ credit
Personal Finance** (R) / Other electives	½ credit

12th Grade	
English (R)	1 credit
*Math (R)	1 credit
Science or Social Studies	1 credit
Other electives	1 credit
Other electives	1 credit

** State requirement beginning with the class of 2026
***Note: Some colleges and universities require a world language for all majors.

Career Technical Education Recommended Pathway

9th Grade	
English (R)	1 credit
*Math (R)	1 credit
Physical Science (R)	1 credit
World History 1750-Present (R)	1 credit
Physical Education I (RS)	¼ credit
Health (RS) / Other Electives	½ credit

10th Grade	
English (R)	1 credit
*Math (R)	1 credit
Biology (RS)	1 credit
U.S. History 1877-Present (R)	1 credit
Other Electives	½ credit
Physical Education II (RS)	¼ credit
Personal Finance (RS)	½ credit

11th Grade	
English (R)	1 credit
*Math (R)	1 credit
U.S. Government (RS)	½ credit
Economics (RS)	½ credit
Delaware Area Career Center	3 credits

12th Grade	
English (R)	1 credit
*Math (R)	1 credit
Science	1 credit
Delaware Area Career Center	3 credits
Other Electives	1 credit

*Four credits of mathematics are required for graduation (through at least Algebra II or its equivalent). See mathematics courses for more details.

COURSE OPTION SUMMARIES

BUSINESS AND MARKETING

(COURSE DETAIL)

Accounting	½ credit
Entrepreneurship	1 credit
Sports & Entertainment Management	½ credit
Business Foundations	½ credit
Digital Media Mgmt & Communications	½ credit
Personal Finance	½ credit
Business Technology	½ credit

MARKETING PATHWAY

Year 1:	1 ½ credits
Marketing Applications	
Marketing Principles	
Year 2:	2 credits
Integrated Marketing Communications	
Marketing Capstone	

ENGLISH

(COURSE DETAIL)

English 9	1 credit	Bible as Literature	½ credit
Honors English 9	1 credit	Film as Literature	½ credit
English 10	1 credit	College Survival Skills	½ credit
Honors English 10	1 credit	Etymology	½ credit
English 11	1 credit	Mythology	½ credit
English 12	1 credit	Creative Writing with Style	½ credit
AP English Lit/Composition	1 credit	***	
AP Language/Composition	1 credit	Intro to Journalism	1 credit
AP Seminar	1 credit	Multimedia Journalism	1 credit
AP Research	1 credit	Advanced Newspaper Journalism	1 credit
Speech	½ credit	Yearbook Journalism	1 credit
Advanced Speech	½ credit	Broadcast & Video Production	1 credit

FAMILY AND CONSUMER SCIENCES

(COURSE DETAIL)

Child Development	½ credit	Human Relationships	½ credit
Food for Fitness	½ credit	On Your Own	½ credit
Cultural Cuisine	½ credit	Mentorship	1 credit
Design	½ credit		

INDUSTRIAL TECHNOLOGY

(COURSE DETAIL)

CAD I (Computer Aided Drafting & Des.)	½ credit	Manufacturing & Materials I	½ credit
CAD II (Computer Aided Drafting & Des.)	½ credit	Manufacturing & Materials II	½ credit
Architectural Drafting	½ credit	Adv. Manufacturing & Materials	½ credit
Engineering I	½ credit	Home Maintenance	½ credit
Engineering II	½ credit		

MATHEMATICS

(COURSE DETAIL)

Algebra I	1 credit	Algebra III	1 credit
Geometry	1 credit	Pre-Calculus	1 credit
Honors Geometry	1 credit	AP Pre-Calculus	1 credit
Algebra II	1 credit	Calculus	1 credit
Intermediate Algebra	1 credit	AP Calculus AB	1 credit
Honors Algebra II	1 credit	AP Calculus BC	1 credit
Data Science Foundations	1 credit	AP Statistics	1 credit
Discrete Math/Computer Science	1 credit	Introduction to Computer Science	½ credit
Mathematics Modeling and Reasoning	1 credit	AP Computer Science A	1 credit
		AP Computer Science Principles	1 credit

PERFORMING ARTS

(COURSE DETAIL)

Concert/Marching Band	1 credit	Music Appreciation	½ credit
Band Auxiliary/Flag Corps	½ credit	Music Theory	½ credit
Jazz Band	1 credit	AP Music Theory	1 credit
Bass Chorus	1 credit	Intro to Theatre	½ credit
Treble Chorus	1 credit	Acting	½ credit
Ensemble Choir	1 credit	Stagecraft	½ credit
Advanced Select Choir	1 credit	Theatre Seminar	½ credit
Concert Choir	1 credit	Performance Ensemble	½ credit
Show Choir	1 credit	Orchestra	1 credit

PHYSICAL EDUCATION / HEALTH

(COURSE DETAIL)

Phys.Ed. Dual/ Individual Activities & Fitness	¼ credit	Conditioning & Weight Training	¼ credit
Phys. Ed/Team Activities & Fitness	¼ credit	Health	½ credit
Virtual PE I (Schoology)	¼ credit	Virtual Health (Schoology)	½ credit
Virtual PE II (Schoology)	¼ credit		

SCIENCE

(COURSE DETAIL)

Physical Science	1 credit	Physics	1 credit
Honors Physical Science	1 credit	Anatomy and Physiology	1 credit
Biology	1 credit	AP Environmental Science	1 credit
Honors Biology	1 credit	AP Biology	1 credit
Chemistry	1 credit	AP Chemistry	1 credit
Honors Chemistry	1 credit	AP Physics 1	1 credit
Earth and Space Science	1 credit	AP Physics C: Mechanics	1 credit
Forensics and Genetics	1 credit		

SOCIAL STUDIES

(COURSE DETAIL)

World History 1750-Present	1 credit	AP US Government/Politics	1 credit
Honors World History 1750-Present	1 credit	AP European History	1 credit
AP World History: Modern	1 credit	AP Macroeconomics/ Microeconomics	1 credit
US History 1877-Present	1 credit	Psychology	½ credit
Honors US History 1877-Present	1 credit	AP Psychology	1 credit
AP US History	1 credit	Criminal and Civil Law	½ credit
Economics	½ credit	Sociology	½ credit
Government	½ credit	World Religions	½ credit
		Positive Leadership	½ credit

VISUAL ARTS

(COURSE DETAIL)

Art I	½ credit	Jewelry & Metals I, II, Advanced	½ credit each
Ceramics I, II, Advanced	½ credit each	Painting I, II, Advanced	½ credit each
Sculpture I, II, Advanced	½ credit each	Photography I, II, Advanced	½ credit each
Modeling & Animation I, II, Adv.	½ credit each	Digital Art & Design I, II, Advanced	½ credit each
Drawing I, II, Advanced	½ credit each	AP Art History	1 credit

WORLD LANGUAGES AND CULTURES

(COURSE DETAIL)

French I	1 credit	German IV	1 credit
French II	1 credit	AP German	1 credit
French III	1 credit	Spanish I	1 credit
French IV	1 credit	Spanish II	1 credit
AP French	1 credit	Spanish III	1 credit
German I	1 credit	Spanish IV	1 credit
German II	1 credit	AP Spanish	1 credit
German III	1 credit	Spanish for Spanish Speakers	1 credit

AEROSPACE SCIENCE ROTC

(COURSE DETAIL)

DELAWARE AREA CAREER CENTER PROGRAMS

(COURSE DETAIL)

EDUCATIONAL OPTIONS

ADVANCED PLACEMENT (AP) PROGRAM

The Advanced Placement Program is an opportunity for students to pursue college-level studies while still in secondary school. Through this program students might earn college credit, advanced placement credit, or both. The expectations of all AP classes are at an advanced, or college level.

COLLEGE CREDIT PLUS

Olentangy Local Schools participates in the College Credit Plus Program (CCP) where college-ready students in grades 7-12 can earn high school and college credit at the same time. Detailed information is available at https://highered.ohio.gov/initiatives/access-acceleration/college-credit-plus. For detailed information about CCP at Olentangy Schools, visit this link: https://www.olentangy.k12.oh.us/departments/curriculum-and-instruction/college-credit-plus.

COURSE RE-TAKE

A student may re-take a course if they received a "D+" or below in the course. In order to be considered a re-take, it must be the exact same (identical) course. The point value of the higher of the two grades (retake course grade or original grade) will be the only one averaged into the student's cumulative grade point average (GPA). However, the academic record of both courses will be reflected in the student's transcript. Credit for the course will not be duplicated. This retake policy applies only to classes offered through the Olentangy Local School District. Students may not utilize an Olentangy course offering as a retake option for an equivalent CCP course.

Students taking courses through College Credit Plus (CCP) must follow the college's policy regarding retaking a course. Students passing the course earning a grade of D- or above may choose to re-take a course but must do so outside the CCP program at the expense of the family/student. The college course grade is applied to the high school transcript. If the student receives a failing grade (E, F) for a CCP course, the family/student will be responsible for reimbursing the district for the course's cost. The student may

retake the course in accordance with the college's policies, and the new grade will be applied to the student's high school transcript.

CREDIT BELOW THE NINTH GRADE AND CREDIT FROM OTHER SCHOOLS

Olentangy Local Schools will award credit for "high school courses" taken prior to the ninth grade. In most instances, a grade of "P" (passing) benefits a student's cumulative grade point average. Therefore, students will receive a grade of "P" on their high school transcript for each high school course taken. If, before the end of the first semester of the student's senior year, the student and family wish to change the "P" grade into an academic letter grade, they must complete the 8th-grade change request form. Upon written request, the "P" grade will be replaced with the final grade issued on the student's middle school report card. Students enrolled in high school courses that included a required end-of-course exam must take the test to meet graduation requirements.

Students taking courses during summer school between their 8th- and 9th-grade years are considered 9th graders and will be assigned a letter grade for course work.

Per Ohio law, students new to the district seeking credit must provide the following documentation on their previous school's letterhead and/or an official transcript: 1) the course yielding credit is/was a high school course; and 2) the course was taught by a teacher who held the appropriate secondary teaching license/certificate for the course. Courses requested to be transferred but are not listed on the Olentangy course selection guide, may or may not be accepted for transfer credit.

Students electing to re-take any course will not receive high school credit or a grade for the course below the ninth grade.

CREDIT FLEXIBILITY OPTION

Olentangy recognizes that an effective educational program is one that supplies opportunities for all students to customize aspects of their learning around needs and interests. The District Credit Flexibility Plan offers options enabling students to earn high school credit by completing coursework or showing proficiency of course content by completing activities and/or testing. Information detailing courses and procedures for credit flexibility are available in student services or on the district's website.

There are two options for earning credit within the program.

Course Proficiency – Testing out of and earning credit for a high school course through the successful completion of an assessment.

Educational Options – Allows a student to earn credit through the creation of and completion of a student-designed project/proposal.

CAREER TECHNICAL EDUCATION ADVANCE STANDING (CTAG) COURSES

Ohio recognizes Career-Technical Education courses approved under the state's transfer initiatives as Advanced Standing Courses. Commonly this transfer initiative is referred to as the Career-Technical Assurance Guide (CTAG). Ohio Revised Code 3313.6031 requires districts to award weighted grades for Career-Technical Education CTAG courses. Olentangy Schools awards weighted CTAG credit when a student has successfully completed the full pathway and qualifying end-of-course exam.

Beginning in 2025-2026, students who successfully complete the following Career Technical Courses and earn a qualifying end-of-course examination score are eligible to access CTAG credit at colleges and

universities with an approved comparable program. More information can be found on the Transfer Credit Ohio site linked: CTAGs

PATHWAY	CTAG COURSE (WEIGHTED)
Biotechnology at Olentangy Academy	13930STEM, Biotechnology for Health and Disease
Engineering at Olentangy Academy	10860, Engineering Design
Engineering at Olentangy Academy	10890STEM, DC Electronic Circuits
Engineering at Olentangy Academy	10891STEM, Manufacturing Operations
Teacher Academy	23941, Education Principles

NOTE: Students must access CTAG credit within three years of graduating from Olentangy Schools. Delaware Area Career Center (DACC) has additional opportunities for CTAG credit that you will want to discuss with your child's program teacher or DACC counselor.

OASIS (OLENTANGY ACADEMY SUPPORTING INDIVIDUALIZED SUCCESS)

Olentangy Academy Supporting Individualized Success (OASIS). Olentangy Schools is proud to offer OASIS, a unique, student-centered educational program for families who are looking for an alternative option to the traditional school setting. OASIS provides students with customized Blended Learning Experiences (Board Policy 2370.01) and academic support in a setting with low student-to-teacher ratio, intensified career and college preparation, readily available adult mentoring, and individualized service-learning opportunities. OASIS uses best practices, including research-based methods of connecting with and supporting students in their academic and developmental growth.

OLENTANGY ACADEMY: STEM AND TEACHER ACADEMY

STEM at Olentangy Academy provides an opportunity for all students to discover and learn, pursue a fulfilling post-high school path and to become resilient, lifelong learners who contribute to society. STEM education at Olentangy Academy employs an integrated approach to innovative teaching and learning where rigorous academic concepts are learned through real-world, problem-based experiences. Learning tasks and activities are hands-on, relevant to local and global issues, and presented from an integrated transdisciplinary lens. In addition, Olentangy Academy's STEM program has well-established partnerships with businesses, non-profit organizations, institutes of higher education and other entities in our community to prepare students for post-high school success.

Teacher Academy at Olentangy Academy provides an opportunity for students to explore the field of education, understand its influence on society, and pursue pathways that support future success as learners and leaders. The program employs an integrated approach in which academic concepts connect directly to real-world educational settings. Learning experiences are hands-on, embedded in authentic classrooms, and centered on the skills and practices essential to effective teaching. In addition, Teacher Academy maintains strong partnerships with local schools, community organizations, and institutions of higher education to equip students with the knowledge, experiences, and relationships needed for post-high school success in the field of education.

For more information on either program use this link: COURSE DETAIL

OLENTANGY:BRIDGED

Olentangy:BridgED is designed to bridge the gap between K-12 education and the business community. BridgED addresses the core challenges of aligning companies and school districts to foster meaningful collaboration that supports both workforce development and student success. This is done through internships, job shadowing, classroom presentations, school experiences, teacher/staff externships, field trips and pre-apprenticeships. More information can be found on the district's BridgED web page.

Pre-Apprenticeship Opportunities are offered in collaboration with Olentangy:BridgED and the ESC of Central Ohio. Olentangy students can participate in a variety of pre-apprenticeship programs in Central Ohio. These experiences count toward elective credits. A recognized pre-apprenticeship program provides entry-level training and education, helps students to develop essential work-related skills, and introduces them to a specific industry or career. A comprehensive list of pre-apprenticeship opportunities can be found here. Students should connect with their school counselor for additional information. Pre-Apprenticeship courses are graded pass/fail.

PHYSICAL EDUCATION WAIVER

In accordance with Section 3313.603 of the Ohio Revised Code, students in grades 9-11 may be excused from all physical education course requirements by taking part in district-sponsored interscholastic athletics, marching band, cheerleading, show choir, or JROTC for at least two seasons (or two full years for JROTC). Students in grade 12 who have not completed their waiver requirements or taken a physical education course will be automatically enrolled in physical education in their senior year. See Board Policy 5460.

WORK STUDY

With administrative team approval, students may earn a maximum of 2 elective credits per year by completing supervised and documented work experience. Every 80 hours counts toward .50 elective credits. Work study does not count toward full-time student status. This course is graded pass/fail.

DETAILED COURSE DESCRIPTIONS

BUSINESS

ACCOUNTING (03810)

Credit: 1/2 — Elective Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: None

Accounting is designed for students who have a variety of career objectives. The student learns about basic financial business records and how to use those records to help make sound business decisions. Topics covered include the accounting equation, transaction analysis, steps in the accounting cycle, and preparing and analyzing financial statements. Accounting is called the "language of business" and anyone who has career objectives in business should have a basic understanding of this language.

ENTREPRENEURSHIP (03750)

Credit: 1 — Elective Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: None

Entrepreneurship is a full-year course offering authentic experience as students build a business. Students develop their own product or service startup to gain investment funds in a final shark-tank style pitch event. Entrepreneurs and industry experts serve as mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and continually learning and improving. Students leave the course having completed a Business Model Canvas, competitive analysis, financial model, smallest viable product, pitch deck, future communications plan, and future funding plan.

SPORTS AND ENTERTAINMENT MANAGEMENT (03870)

Credit: 1/2 — Elective Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: None

This course introduces students to the exciting world of sport management, focusing on the connections between sports, entertainment, hospitality, and tourism. Students will learn how to manage sports teams and events, promote sports and entertainment experiences, and understand how these industries drive local and global economies. Topics include leadership, event planning, and the role of tourism in sports, all while exploring real-world applications through case studies and hands-on activities. Students will also examine how sports, entertainment, and tourism work together to attract fans and tourists, creating career opportunities in fields like sports marketing, event management, and hospitality.

BUSINESS FOUNDATIONS (03840)

Credit: 1/2 — Elective Course
Grades: 9, 10, 11, 12 — Fee: Yes
Prerequisite: None

This course introduces students to specializations within the three career fields. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics, and entrepreneurship. Students will use technology to synthesize and share business information. Employability skills, leadership, communications, and business financial literacy will be addressed. This is the recommended first course for the Marketing Pathway.

DIGITAL MEDIA MANAGEMENT & COMMUNICATIONS (03770)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: None

Digital Media Management is an immersive, hands-on course designed to equip students with the skills and knowledge required to create, manage, and measure successful digital marketing campaigns across multiple platforms. Students will explore the fundamental aspects of branding, digital advertising, social media strategies, email marketing, SEO, influencer partnerships, and more. Through project-based learning, students will gain practical experience in developing digital ad campaigns, managing social media, and leveraging analytics for data-driven decisions. The course also addresses the challenges and ethical issues in digital marketing, preparing students for a fast-paced, ever-evolving industry.

PERSONAL FINANCE (03850)

Credit: 1/2 Required Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: None

This course is designed to teach students the essential concepts of personal finances and to give them a lifetime program of successful money management. Students will learn several financial strategies, including banking, budgeting, savings, buying cars, house and insurance, investing, how to handle credit and debt, and philanthropy. While open to sophomores, **this course is best suited for juniors and seniors who are closer to managing real-world financial responsibilities.**

BUSINESS TECHNOLOGY (03860)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

In this hands-on course, students will gain practical skills in key business technologies used in the modern workplace. Through engaging lessons and projects, students will learn how to use word processing, presentation and spreadsheet programs to create professional documents, presentations, and data-driven reports. The course also covers design principles using graphic design software for marketing materials, and introduces project management software to enhance efficiency, productivity, and team accountability. By the end of the course, students will be equipped with essential tools and knowledge to navigate and excel in today's digital business environment.

In addition to mastering these business tools, the course includes an introduction to cybersecurity, teaching students how to protect personal and organizational data, and an overview of computer hardware to understand the devices they work with. By the end of the course, students will be equipped with practical, in-demand skills in business technology, data security, and hardware literacy, preparing them for future academic and career opportunities.

MARKETING PATHWAY

The complete Marketing Pathway is a combination of courses as listed below and includes a co-curricular component. Students who successfully complete these courses **and** successfully complete at least three end-of-course assessments are eligible to receive 3 college credit hours from Columbus State Community College. The courses required for the pathway are as follows:

- Business Foundations (semester course, grades 9-12. (.5 credits)
- Marketing Principles and Marketing Applications (Full Year, Grade 11, 1.5 Credits)
- Integrated Marketing Communications and Marketing Capstone (Full Year, Grade 12, 2 Credits)

Students enrolled in the junior and senior year courses participate in the educational experiences listed below:

School Store

The school store is a student-run, school-based enterprise, operated by the students in the Marketing program. This is an experiential learning opportunity that is a part of the work-based learning portion of the Marketing Pathway.

DECA

DECA is the co-curricular association only for students enrolled in Marketing. DECA offers many opportunities to learn about business and compete in business competitions. Students may compete at the district, state and national levels. Visit www.deca.org and www.ohiodeca.us for more information about DECA.

COURSE ENROLLMENT:

MARKETING APPLICATIONS (03930) & MARKETING PRINCIPLES (03931)

Credit: 1.5	Elective Course
Grade: 11	Co-Curricular
Prerequisite: Application and acceptance required during sophomore year scheduling.	
***These courses run <u>concurrently</u> during ONE high school class period.**	Fee: Yes

Students will develop and implement marketing strategies and techniques across marketing functions: channel management, marketing research, market planning pricing, product/service management and effectiveness. Students will generate, screen, and develop new product ideas. They will predict economic trends and conditions and determine how cultural intelligence can impact organizations. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

INTEGRATED MARKETING COMMUNICATIONS (03940) & MARKETING CAPSTONE (03960)

Credit: 2	Elective Course
Grades: 12	Co-Curricular
Prerequisite: Students must apply. Students who complete the Marketing Applications class as a junior have priority consideration to enroll in this class.	
***These courses run <u>concurrently</u> during ONE high school class period.**	Fee: Yes

Students will create, execute, and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. They will apply project management techniques to guide and control promotional campaign development and execution. Students will incorporate motivation theories, branding techniques and design principles in communications with targeted audiences. They will plan and implement procedures to use marketing communications that mitigate image or brand-damaging issues. Students will also apply knowledge, attitudes and skills that were learned in a Marketing program in a more comprehensive and authentic way in this capstone course. Capstones often include project-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships. Technology, employability skills, leadership and communications will be incorporated into classroom activities.

ENGLISH

If you are currently enrolled:	Suggested placement for next academic year:
English 9 OR Honors English 9	English 10 OR Honors English 10 OR AP English Option
English 10 OR Honors English 10	English 11 OR AP English Option
English 11 OR AP English Option	English 12 OR AP English Option

ENGLISH 9 (05110)

Credit: 1 Required Course
Grade: 9 Fee: No

Prerequisite: None

This course introduces freshmen to high school-level literacy study. Reading instruction includes strategies to comprehend and analyze features of fiction and non-fiction through study of varieties of genres representing different authors and cultures. Students will apply the reading process to achieve a deeper understanding of authors' purposes and to analyze literary and rhetorical elements of texts. Writing instruction includes development of skills in pre-writing, drafting, revising, editing, and publishing. Students will write narrative, expository, and persuasive compositions and informal and functional assignments. Instruction will also focus on acquisition of vocabulary and writing conventions skills. Students will be introduced to research skills and resources and will develop communication skills that include listening and speaking strategies. The purchase of one or two paperbacks may be required. The same curriculum may be delivered via an accelerated interdisciplinary approach, a Humanities perspective or a departmentalized format. Each will incorporate various forms of enrichment depending on the strengths associated with each instructor and building.

HONORS ENGLISH 9 (05115)

Credit: 1 Required Course
Grade: 9 Fee: No

Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The Honors College Prep English 9 course includes the same curriculum as the English 9 course. The instruction of this curriculum may be delivered via an accelerated interdisciplinary approach or by a traditional departmentalized format. Each will incorporate various forms of enrichment depending on the strengths associated with each instructor and building.

ENGLISH 10 (05210)

Credit: 1 Required Course
Grade: 10 Fee: No

Prerequisite: None

This course continues the study of literacy skills begun at the freshman level, utilizing literature and more advanced writing. Reading instruction continues building comprehension and analytical skills for varieties of fiction and non-fiction genres. Students will evaluate literary and rhetorical techniques used to develop authors' purposes, with special focus placed on recognizing and developing persuasive techniques in both reading and writing assignments. Students will develop arguments through speaking and writing applications, continuing to take compositions through prewriting, drafting, revising, editing, and publishing phases of the writing process. They will also continue to develop skills in using writing conventions and building vocabulary. The course will focus on using the research process to develop a research paper and/or presentation. The purchase of several paperbacks may be required. Additional written genres will also be practiced.

HONORS ENGLISH 10 (05215)

Credit: 1 Required Course
Grade: 10 Fee: No
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The Honors College Prep English 10 course includes the same curriculum as the English 10 course. The instruction of this curriculum may be delivered via an accelerated interdisciplinary approach or by a traditional departmentalized format. Each will incorporate various forms of enrichment depending on the strengths associated with each instructor and building.

ENGLISH 11 (05310)

Credit: 1 Required Course
Grade: 11 Fee: No
Prerequisite: None

This course continues building literacy skills necessary for success in students' post-secondary education through a critical exploration of American literature. Reading instruction focuses on higher-level comprehension and analytical skills of fiction and non-fiction texts. Through a variety of genres, students will analyze characteristics of various American myths of identity and the influence of historical context on the writers of American literary periods. They will also continue to study literary and rhetorical techniques writers use to achieve purpose. Writing instruction focuses on a variety of strategies to take compositions through stages of the writing process, and writing assignments focus heavily on argumentative, responsive, interpretive, and expressive responses to literature, as well as personal, persuasive, responsive, or functional writing assignments. Study of writing conventions, vocabulary, research skills, and communication strategies will continue in students' vertical learning process. The purchase of paperback novels throughout the year may be required. *May be offered in a blended learning delivery model.*

ENGLISH 12 (05410)

Credit: 1 Required Course
Grade: 12 Fee: No
Prerequisite: None

This course is designed for seniors and focuses on intensive building of literacy, writing, and critical thinking skills. Reading instruction continues building higher-level comprehension and analytical skills of fiction and non-fiction texts. Students may analyze characteristics of a variety of genres. They will also continue to study literary and rhetorical techniques writers use to achieve purpose. Writing instruction focuses on a variety of strategies to take compositions through stages of the writing process, and writing assignments focus heavily on interpretive, analytical, persuasive and evaluative responses to literature, as well as personal, responsive, and functional writing assignments. Students will complete an extensive research project. Study of writing conventions, vocabulary, and communication strategies will continue. This intensive writing course is supported by an array of fiction and non-fiction texts. The purchase of several paperback texts may be required. *May be offered in a blended learning delivery model.*

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION (05510)

Credit: 1 Elective Course
Grade: 11 or 12 (replaces English 11 or English 12 requirement) Fee: Yes

Prerequisite: Successful completion of English 10 or AP Seminar (Teacher recommendation suggested to ensure course readiness.)

This course is designed to match the rigor and depth of an introductory college-level English literature course. Students will develop and use sophisticated reading skills to experience, interpret, and evaluate complex literary works from various genres. Students will develop a specialized college-level critical vocabulary for the analysis and evaluation of themes and stylistic and literary techniques found in complex texts. These skills will then be evaluated through written analysis and discussion. Writing situations will consist of both multi-draft essays and in-class writing prompts that mirror AP testing conditions. Students may be expected to purchase texts during the school year. *May be offered in a blended learning delivery model.*

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (05520)

Credit: 1 Elective Course
Grade: 11 or 12 (replaces English 11 or 12 requirement) Fee: Yes

Prerequisite: Successful completion of English or AP Seminar (Teacher recommendation suggested to ensure course readiness.)

This course matches the rigor and depth of an introductory college-level composition course. Students will develop sophisticated reading strategies to perform nuanced rhetorical and stylistic analysis of texts from a variety of genres, time periods, and cultures. Most of the readings will consist of non-fiction prose, and students will analyze and evaluate rhetorical choices writers use to develop purpose and effect. Students will write several expository, expressive, and persuasive essays, using a variety of rhetorical modes, and will take compositions through several drafts to develop ideas and writing style. The course also focuses on informal writing and composing responses to prompts that mirror AP testing conditions. Students will develop college-level proficiency in finding, evaluating, and synthesizing sources into informative and persuasive writing. Students may also be required to purchase texts during the school year.

ADVANCED PLACEMENT SEMINAR (05530)

Credit: 1 Elective Course
Grade: 10, 11, 12 (replaces English 10, 11 or 12 requirement) Fee: Yes

Prerequisite: Successful completion of English 9 (Teacher recommendation suggested to ensure course readiness.)

The first course in the AP Capstone experience and an English core credit in OLSD, is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. AP Seminar is a pre-requisite for AP Research as per College Board. If students choose to continue on to AP Research, they have the opportunity to earn the AP Capstone Certificate or the AP Capstone Diploma distinction on their transcript.

ADVANCED PLACEMENT RESEARCH (05540)

Credit: 1 | Elective Course
Grade: 11, 12 | Fee: Yes
Prerequisite: AP Seminar

The second course in the AP Capstone experience and an English elective credit in OLSD, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000 – 5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. AP Seminar is a pre-requisite for AP Research as per College Board. Note: **This course does not fulfill a required English credit.**

SPEECH (05230)

Credit: 1/2 | Elective Course
Grades: 9, 10, 11, 12 | Fee: No
Prerequisite: None

This semester course will expose students to a wide variety of public speaking experiences. Communication concepts such as discussion, public speaking modes, research, and delivery of speeches allow the student full exposure to the speaking and listening process and the opportunity to develop speaking skills and strategies. Instruction will also focus on the finding, synthesizing, and documentation of research into speeches. All students will participate in the presentation and delivery of impromptu, extemporaneous, and prepared material.

ADVANCED SPEECH (05810)

Credit: 1/2 | Elective Course
Grades: 10, 11, 12 | Fee: No
Prerequisite: Successful completion of Speech

Advanced public speaking aims to strengthen skills learned in speech class as well as to foster an environment for competitive public speaking through an in-depth study of speech communication. Since the course focuses on interpretation, it serves competitive speech team members, students interested in drama, and those students specifically interested in public speaking who wish to hone those skills more specifically than the basic speech course allows.

BIBLE AS LITERATURE (05840)

Credit: 1/2 | Elective Course
Grades: 10, 11, 12 | Fee: No
Prerequisite: None

This course focuses on well-known stories and characters from the Bible and biblical allusions. Students will study various genres found in the Bible, as well as related history and geography. Emphasis is placed on literary aspects of the Bible and not on religious interpretation of the texts. Readings may include literary works that include biblical references.

FILM AS LITERATURE (05850)

Credit: 1/2 Elective Course
Grades: 11, 12 Fee: No
Prerequisite: None

This course focuses on analyzing the art of film, including cinematography, audiovisual elements, genre tropes, and more. Through the series of films, students will study various genres through different lenses, including but not limited to, literary, dramatic, cinematic, and cultural. The intent of viewing the films is to strengthen students' critical analysis of the selected works, many of which have a strong literary link and are adaptations of novels, short stories, musicals, and plays. Assessments can be based on frequent writing assignments, tests, quizzes, and projects through which students will improve analytical, interpretive, stylistic, and organizational and presentation skills. The course is recommended for 11th and 12th graders as they have had the necessary reading and writing skills to perform the assessments and are mature enough to digest the cinematic content.

COLLEGE SURVIVAL SKILLS (05860)

Credit: 1/2 Elective Course
Grades: 11, 12 Fee: No
Prerequisite: None
This semester course is designed for college-bound students who want to broaden their awareness of a range of skills relevant to success in college. Students will be exposed to a wide range of issues designed to raise awareness and build skills for success in college, such as reading and comprehension skills, skimming, scanning, previewing, vocabulary development, concentration, time management, listening, discussion, note-taking and study and test-taking skills. Strong emphasis is also placed on college selection and applications, scheduling, campus safety and other subjects related to college life.

ETYMOLOGY (05880)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This course focuses on identification, evaluation, and synthesis of words essential for assessments such as the ACT and SAT. Students will learn and effectively use college-level vocabulary and demonstrate a range of strategies to elaborate and explain word meanings, as well as integrate new vocabulary into written assignments and class discussions. Students will also learn the relevance of advanced vocabulary in current written context.

MYTHOLOGY (05895)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: No
Prerequisite: None

This course focuses on analyzing and evaluating the three major themes of mythology using Greek and Roman myths and using myths from various cultures around the world. This course will include the historical background of classical cultures and more diverse global cultures. Readings may include myths from Babylonian, Egyptian, Eastern, Pacific, Norse, Celtic, African, American, Native American, and British traditions. The course will include the historical background of each culture, and the effects myths have on our modern vocabulary, literature, communications, and popular culture.

CREATIVE WRITING WITH STYLE (05900)

Credit: 1/2 | Elective Course
Grades: 9, 10, 11, 12 | Fee: No
Prerequisite: None

This course allows students to produce purposeful creative writing that organizes and conveys ideas effectively across multiple genres. Students will practice their craft through journaling, exercises, and excerpts involving character, setting, plot, style, and description. Additionally, students will analyze and then draft the conventions of genres such as comedy, memoir, mystery, young adult literature, science fiction, fantasy, horror/suspense, graphic novels/comics, and poetry in original writing.

ENGLISH – JOURNALISM

INTRODUCTION TO JOURNALISM (05910)

Credit: 1 | Elective Course
Grades: 9, 10, 11, 12 | Fee: Yes
Prerequisite: None

This course examines the principles and practices of journalism with emphasis on reporting and writing news, features, interviews, and editing for various mediums including broadcast, newspaper, magazine and yearbook layout and design, and photography. Students will also examine current media trends, ethics, current events and the history of American Journalism and the changing role of the media. This course is a foundational journalism course and a pre-requisite for advanced journalism courses such as Newspaper Journalism, Advanced News Journalism, Yearbook Journalism and Broadcast and Video Production.

MULTIMEDIA JOURNALISM (05920)

Credit: 1 | Elective Course
Grades: 10, 11, 12 | Fee: Yes
Prerequisite: Successful Completion of Introduction to Journalism; application required

This co-curricular course focuses on publishing a newsletter, content for the Journalism website, or a page in a local newspaper distributed to parents and community members emphasizing layout, photography, copy writing, design, basic website development and public relations. Students will utilize skills from Introduction to Journalism course to compose copy, photos and layout in accepted journalistic standards. Students are expected to conduct interviews, take and select quality photographs and synthesize communication standards from previous journalism courses.

ADVANCED NEWSPAPER JOURNALISM (05930)

Credit: 1 | Elective Course
Grades: 11, 12 | Fee: Yes
Prerequisite: Successful Completion of Introduction to Journalism; application required

This co-curricular course focuses on the publication of the high school newsmagazine and news website with an emphasis on layout, photography, copy writing, advertising, design, business management and basic website development. Students will utilize skills from Introduction to Journalism course to compose copy, photos, and layout in accepted journalistic standards, along with sell the magazine and ads to maintain this high quality, student-run newsmagazine. Students are expected to conduct interviews, take and select quality photographs and synthesize communication standards from previous journalism courses.

YEARBOOK JOURNALISM (05940)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Successful Completion of Introduction to Journalism; application required
This co-curricular course focuses on the publication of a high school yearbook, emphasizing layout and design, photography, copy writing, advertising sales and design, and business management. Students will utilize skills from Introduction to Journalism course to compose copy, photos, and layout in accepted journalistic standards, along with selling business ads for the yearbook. Students are expected to conduct interviews, take and select quality photographs and synthesize communication standards from previous journalism courses. This course will produce the school yearbook utilizing up-to-date design techniques and software in a timely manner.

BROADCAST AND VIDEO PRODUCTION (05910A)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Successful Completion of Introduction to Journalism; application required

Broadcast and Video Production provides students with a comprehensive practical knowledge of production, awareness of the impact of media and entertainment on the audience, and an understanding of the role of the artist in society. The program teaches students to thoughtfully consider not only how to look through a lens, but also why they should, through a unique emphasis in ethical decision-making in both content creation and business practices. Students in the film and media production concentration have access to digital cameras, lighting and sound equipment and will use advanced reporting techniques, story development process and tools needed to interview and write, report and edit video news stories that will air on the morning announcements, be entered into various contests and on the news website. Students will be on the air and should feel comfortable public speaking.

FAMILY AND CONSUMER SCIENCES

CHILD DEVELOPMENT (23830)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: None

This course is vital for students aspiring to pursue careers in fields such as education, social work, healthcare, psychology, and more. It provides a comprehensive foundation for understanding child growth and development, essential for anyone considering working with children. Students will explore cognitive, physical, emotional, behavioral, and social development, as well as health and well-being, that can be applied in a variety of careers or personal contexts. This course complements the course “Human Relationships.” preparing students for real-world challenges in their future endeavors.

DESIGN (23880)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This is a course designed for students interested in interior design, architecture, fashion, and related fields. The course will entail an introduction to elements and principles of design, color theory, merchandising, fashion design, and architectural trends. This course is project based.

FOODS FOR FITNESS (23810)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This course introduces students to essential nutrition concepts and foundational food preparation skills. Through hands-on lab experiences and classroom activities, students will explore how everyday foods and nutrients impact overall wellness while learning to prepare a variety of meals using fundamental techniques and kitchen equipment.

CULTURAL CUISINE (23890)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Foods for Fitness

In this course, students will develop greater cultural awareness by learning about people through their food. Students will explore what influences culture, foods supply, and food choices, learn about customs and traditions and prepare authentic recipes.

HUMAN RELATIONSHIPS (23820)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

Relationships are an inescapable part of everyday life. In this course, students will explore the nature, function, and significance of human relationships. Students will examine a variety of current social issues that today's families and individuals face. Speakers, hands-on activities, and multi-media are just a few of the way topics will be explored in this course.

ON YOUR OWN (23840)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 11, 12 Fee: Yes
Prerequisite: None

This course is one that every student should take. Areas to be covered include living independently, renting an apartment, preparing simple meals, buying food, doing laundry, consumer decision making skills and budgeting. Students will also explore career pathways. Real life situations and labs will allow the student to practice decision-making skills necessary for life.

MENTORSHIP (23910)

Credit: 1 (Applied Arts Credit) Elective Course
Grades: 11, 12 Co-Curricular
Prerequisite: Application process Fee: Yes

This two-period course is designed to assist students who wish to complete a mentorship in high school. Course enrollment is based on an application process. Mentorship is a semester course that allows the students to gain fist hand experience in a career of their choice. Students complete career assessments, prepare a resume and practice interview skills among other life-planning activities. Students will be released to participate in a student mentorship in a field of their choice. Throughout the course, students will create a portfolio of their experience. This course is repeatable.

INDUSTRIAL TECHNOLOGY

CAD I (10810) – Computer Aided Drafting & Design

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

CAD I, Computer Aided Drafting & Design is an introductory course that builds foundational 2D and 3D drafting skills using industry standard CAD software. Students will learn to communicate design ideas clearly through orthographic and pictorial (isometric) drawings. Basic dimensioning and sectional views will be applied to create accurate technical drawings. Throughout the course, students will apply these skills to real-world, hands-on scenarios seen in engineering and architectural industries through the use of prototyping. (i.e. 3D printing, laser cutting, etc.)

CAD II (10820) -- Advanced Computer Aided Drafting & Design

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: CAD I (Computer Aided Drafting and Design)

CAD II, Advanced Computer Aided Drafting & Design builds on CAD I by expanding students' proficiency in both 2D drafting and 3D modeling. A major focus of the course is advanced 3D modeling, including creating detailed parts, assemblies, and production-ready drawings. Students design, prototype, test, and revise models using 3D printing and laser cutting. Throughout the course students work with more complex tools and constraints to see how designs are used in manufacturing, engineering, and architecture for production. Opportunities to earn industry-recognized CAD certification may be available.

ARCHITECTURAL DRAFTING (10830)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: CAD I (Computer Aided Drafting and Design)

This course introduces students to architectural design using both 2D and 3D drafting methods. Students will learn fundamental architectural concepts such as form, space, scale, proportion, circulation, site considerations, and basic building code principles. Students design residential or small commercial buildings by creating floor plans, elevations, sectional views, 3D representations / digital models, physical models, and presentation visuals. Throughout the course students become familiar with reading blueprints, applying foundational code requirements, and using architectural CAD standards.

ENGINEERING (& DESIGN) I (10840)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

Engineering & Design I is a hands-on, project-based introduction to multiple engineering fields. Students learn how engineers solve problems using the engineering design process, technical communication, and teamwork. Through a series of design challenges, students work with tools, machines, and entry-level technologies used in professional practice. Students will also learn the importance of documenting their thinking and work in a design portfolio highlighting sketches, data, design iterations, and final solutions. The class is designed to strengthen the development of skills in team cooperation, decision-making, critical thinking, troubleshooting, problem solving, and independent learning.

ENGINEERING (& DESIGN) II (10850)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Engineering I

Engineering & Design II expands on the skills from Engineering & Design I by challenging students with advanced design projects that require deeper technical understanding, precision, and collaboration. Students take on more complex problems in areas such as CAD modeling, robotics, automation, product design, structures, transportation, environmental impacts, or manufacturing. Students progress from introductory-level tools to more advanced equipment, software, and fabrication methods. Emphasis is placed on testing, redesign, documentation, and producing functional, working prototypes. Engineering teams may also prepare projects suitable for competitions or industry style presentations. This is an excellent elective for any student with an interest in STEM fields.

MANUFACTURING & MATERIALS I (FORMERLY BASIC WOODS) (10911)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: CAD I

Manufacturing & Materials I is an introductory course to the fundamentals of machine shop tools, their safety, and the use of modern digital equipment. Students learn safe operation of hand tools, portable power tools, and stationary woodworking machines while building a series of instructor designed projects. Students will practice measurement, layout, basic joinery, sanding, fastening, and finishing techniques. As skills develop, students may use introductory CNC or laser cutting tools to enhance their work. Emphasis is placed on safety, craftsmanship, problem-solving, and responsible use of various materials. Additional fees for individual projects may be incurred.

MANUFACTURING & MATERIALS II (FORMERLY INTERMEDIATE WOODS) (10921)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Manufacturing & Materials I (Woods I)

Manufacturing & Materials II is an intermediate course that advances students' fabrication abilities by introducing more complex tools, joinery techniques, and higher expectations for accuracy and design. Students design and build self-selected projects, taking responsibility for planning, material selection, cutting lists, and workflow. Students learn to interpret more detailed drawings, create and evaluate joinery options, and solve construction challenges. CNC routing and laser cutting tools are used more intentionally for components, templates, and decorative details. Students document their progress and evaluate their work for accuracy, fit, and finish. Additional fees for individual projects may be incurred.

ADVANCED MANUFACTURING & MATERIALS (FORMERLY ADVANCED WOODS) (10931)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Manufacturing & Materials II (Woods II)

Manufacturing & Materials III is an advanced, highly independent course focusing on the design and construction of custom and complex multi-material projects. Students take full ownership of the design process, from concept sketches to CAD models, material planning, joinery selection, fabrication, and finishing. Students use advanced tools, specialty jigs, precision measuring instruments, and digital fabrication equipment (CNC, laser) to produce high quality work. Emphasis is placed on craftsmanship, advanced joinery, construction techniques, style analysis, and high-level problem solving. Additional fees for individual projects may be incurred. **This course is repeatable.**

HOME MAINTENANCE (10940)

Credit: 1/2 (Applied Arts Credit) Elective Course
Grades: 11, 12 Fee: Yes
Prerequisite: None

Home Maintenance & Construction is a practical, hands-on course teaching students the essential home maintenance and basic residential construction skills. Students learn how to safely use common tools and complete minor repairs on homes, lawn equipment, and automobiles. Topics covered may include and are not limited to plumbing, electrical, drywall, flooring, carpentry, small engine maintenance, and basic remodeling. This course is ideal for students who want to be more independent around the home and car or explore a basic introduction to trades.

MATHEMATICS

Required Mathematics Courses (courses 1-4) and Electives

<table>
<tr><th>Course 1
(1 credit)</th><th>Course 2
(1 credit)</th><th>Course 3
(1 credit)</th><th>Course 4
(1 credit)</th><th>Additional Electives</th></tr>
<tr><td>Algebra I</td><td>Geometry</td><td>Algebra II</td><td>Algebra II</td><td>Calculus</td></tr>
<tr><td></td><td>Honors Geometry</td><td>Intro Algebra II or Geometry</td><td>Algebra III</td><td>AP Calculus AB</td></tr>
<tr><td></td><td>Introduction to Algebra II</td><td>Honors Algebra II</td><td>Precalculus</td><td>AP Calculus BC</td></tr>
<tr><td colspan="2" rowspan="3">**Course is an Algebra II Equivalent. Students are encouraged to work with math teachers and counselors to determine course selection beyond Geometry. For more information on High School Math Pathways, please visit the ODEW webpage.</td><td>Data Science Foundations**</td><td>AP Precalculus</td><td>AP Statistics</td></tr>
<tr><td>Discrete Math/Computer Science**</td><td>Data Science Foundations**</td><td>Introduction to Computer Science (.5)</td></tr>
<tr><td>Mathematics Modeling and Reasoning**</td><td>Discrete Math/Computer Science**</td><td>AP Computer Science A</td></tr>
<tr><td colspan="3" rowspan="2">Note: In Ohio, students must complete 4 math credits. Please review course descriptions and prerequisites for all math courses. This chart provides context for the way in which earning 4 math credits may be achieved. Teacher recommendations provide essential insight into a student's readiness for Honors and AP Math courses and should play a significant role in course selection decisions. Please discuss your math schedule with teachers and/or school counselors to talk through the best course selection for you. Please review SAMPLE Olentangy Schools Mathematics Pathways here.</td><td>Mathematics Modeling and Reasoning**</td><td>AP Computer Science Principles</td></tr>
<tr><td></td><td>Other electives not yet taken from the course 4 list.</td></tr>
</table>

ALGEBRA I (11110)

Credit: 1 Required Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: None

This course covers the basic operations with signed numbers and variables, as well as factoring. Equation solving of linear, simultaneous, data analysis and probability, and quadratic equations is presented as well as various graphing techniques. Problem solving strategies are emphasized. Graphing calculator recommended; TI-84+ calculator recommended.

ALGEBRA I LAB (11113)

Credit: ½ non-math elective credit Elective Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: None
This course complements the standards and objectives delivered in Algebra I. Students are provided with directed support for all content topics that align with the current units in their traditional Algebra 1 course. The lab setting provides the intervention needed to build upon foundational mathematical skills in order to ensure success.

GEOMETRY (11210)

Credit: 1 Required Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: Algebra I
This course is the study of geometric figures in 2 and 3-dimensional space. Characteristics of similarity and congruence, the nature of proof, constructions and discovery of relationships are included in the course, as well as data analysis and probability. Graphing calculator recommended; TI-84+ calculator recommended.

GEOMETRY LAB (11213)

Credit: ½ non-math elective credit Elective Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: Algebra I and teacher recommendation
This course complements the standards and objectives delivered in Geometry. Students are provided support for all content objectives to increase success in the Geometry class.

HONORS GEOMETRY (11215)

Credit: 1 (replaces Geometry requirement) Elective Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: Algebra I and teacher recommendation

The honors Geometry course covers the curriculum of Geometry at an accelerated pace with the addition of rigorous enrichment topics. Graphing calculator recommended; TI-84+ calculator recommended.

INTERMEDIATE ALGEBRA II (11321)

Credit: 1 Elective Course
Grades: 10, 11 Fee: No
Prerequisite: Algebra I

This course reviews foundational concepts from Algebra I along with an introduction to basic Algebra II material. Concepts include basic number operations, solving equations, graphing linear and quadratic equations, factoring, and other foundational concepts. Graphing calculator recommended; TI-84+ calculator recommended.

ALGEBRA II (11310)

Credit: 1 | Required Option
Grades: 9, 10, 11, 12 | Fee: No
Prerequisite: Geometry

The second course in Algebra is designed to expand the student's initial study of linear and quadratic equations. Practical applications are emphasized throughout. Additional topics include matrices, complex numbers and linear and non-linear equations. Graphing calculator required; TI-84+ calculator recommended.

ALGEBRA II LAB (11313)

Credit: ½ non-math elective credit | Elective Course
Grades: 9, 10, 11, 12 | Fee: No
Prerequisite: None

This course complements the standards and objectives delivered in Algebra II and all other Algebra II equivalent courses (DSF, MMR & Discrete). Students are placed in this course as a supplement to their current math courses based on their historical OST scores in order to ensure success.

DATA SCIENCE FOUNDATIONS (11330)

Credit: 1 -- Meets Algebra II Graduation Requirement | Required (Algebra II) Equivalent
Grades: 10, 11, 12 | Fee: No
Prerequisite: Geometry

Acquiring foundational knowledge in data science and basic programming skills are the primary objectives and outcomes of the course. It includes the use of mathematics, statistics and computer science methods in the analysis and interpretation of data in all forms. In the context of real-world situations students will make predictions and decisions using data. Students combine problem solving and reasoning skills with statistics and modeling to analyze big data to find patterns and communicate meaning in data. Ohio's Learning Standards related to Statistics and Probability relevant to data science are taught along with the data demands of good citizenship in the 21st century. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful postsecondary education and a variety of careers. Data Science Foundations is designed to be a hands-on course that promotes reasoning using the standards for mathematical practice, but it is not intended for students who plan to attend a 2 or 4-year program that is not necessarily rooted in math or science.

DISCRETE MATH/COMPUTER SCIENCE (11430)

Credit: 1 -- Meets Algebra II Graduation Requirement | Required (Algebra II) Equivalent
Grades: 10, 11, 12 | Fee: No
Prerequisite: Geometry

Discrete Math/Computer Science (DMCS) explores a variety of discrete math topics through a mix of hands-on classroom activities, traditional mathematical/logical reasoning and interactive computer science activities designed for students with no prior coding experience. Topics include computational thinking, computer logic, game theory, counting/combinatorics, probability, connectivity, iteration and recursion, and cryptography. All topics emphasize logical reasoning, proof, and communication with precise mathematical and computer science language.

MATHEMATICAL MODELING AND REASONING (11340)

Credit: 1 -- Meets Algebra II Graduation Requirement
Required (Algebra II) Equivalent
Grades: 10, 11, 12
Fee: Yes
Prerequisite: Geometry

Mathematical Modeling and Reasoning (also referred to as Advanced Quantitative Reasoning by the Ohio Department of Education & Workforce) is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. The course is designed to give you real world problems to solve using math skills. This course may be perfect for a student who plans to pursue a career in a field not related to math or science.

HONORS ALGEBRA II (11315)

Credit: 1
Elective Course
Grades: 9, 10, 11, 12
Fee: No
Prerequisite: Geometry and/or teacher recommendation

The Honors Algebra II course covers the curriculum of Algebra II at an accelerated rigorous pace with the addition of enrichment topics. Graphing calculator required; TI-84+ calculator recommended.

ALGEBRA III (11410)

Credit: 1
Elective Course
Grades: 10, 11, 12
Fee: No
Prerequisite: Completion of Algebra II and teacher recommendation.

Algebra III is offered as an alternative for those students not yet ready for the abstraction and rigor of Pre-Calculus. Students can expect to review Algebra II topics and extend their knowledge of advanced concepts, including trigonometry, sequences and series, probability and statistics.
Graphing calculator required; TI-84+ calculator recommended.

PRE-CALCULUS (11420)

Credit: 1
Elective Course
Grades: 9, 10, 11, 12
Fee: No
Prerequisite: Algebra II

This course explores function theory and involves an in-depth study of trigonometry. Emphasis is also placed upon analytical geometry ideas. Related topics such as the nature of graphs, exponential and logarithmic functions, sequences, series, vectors, polar coordinates, parametric, and complex numbers will be covered. Graphing calculator required; TI-84+ calculator recommended.

ADVANCED PLACEMENT PRE-CALCULUS (11560)

Credit: 1
Elective Course
Grades: 9, 10, 11, 12
Fee: Yes
Prerequisite: Completion of Algebra II or Honors Algebra II (Teacher recommendation suggested to ensure course readiness.)

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.

Modeling is also a key feature of the course. Students select, construct, and validate function models using transformations of functions and regressions. Graphing calculator required; TI-84+ calculator is recommended.

CALCULUS (11450)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: No
Prerequisite: Pre-Calculus or AP Pre-Calculus

This course uses a problem-solving approach to the study of limits, derivatives, integrals, and continuity. Applications involve the use of previously learned mathematical concepts as they apply to calculus. This course is not confined to the guidelines outlined in the AP program.
Graphing calculator required; TI-84+ calculator recommended.

ADVANCED PLACEMENT CALCULUS AB (11510)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Pre-Calculus or AP Pre-Calculus (Teacher recommendation suggested to ensure course readiness.)

The AP Calculus course is designed to be the equivalent of a college introductory calculus course Students will be expected to take the AP Calculus exam in May. Depending on the score achieved on the test, students may be granted college credit or allowed to enroll in upper-level courses as college freshmen. The primary areas of study are differential and integral calculus, which include derivatives, integrals, limits and continuity. Graphing calculator required; TI84+ calculator recommended.

ADVANCED PLACEMENT CALCULUS BC (11520)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes
Prerequisite: AP Calculus AB or Teacher Recommendation.

The AP Calculus BC course is designed to qualify students for placement and credit in a course that is one course beyond that granted for Calculus AB. Students will be expected to take the AP Calculus BC exam in May. Depending on the score achieved on the test, students may be granted college credit or allowed to enroll in upper-level courses as college freshmen. Calculus BC builds on the concepts from Calculus AB. Additional topics include the following: analysis of planar curves given in parametric form, polar form and vector form, Euler's Method, Hospital's Rule, improper integrals, series of constants and Taylor series. Graphing calculator required; TI-84+ calculator recommended.

ADVANCED PLACEMENT STATISTICS (11530)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Completion of Algebra II or Data Science Foundations (Teacher recommendation suggested to ensure course readiness.)
The AP Statistics course is designed to be the equivalent of a college introductory statistics course Students will be expected to take the AP Statistics exam in May. Depending on the score achieved on the test, students may be granted college credit or allowed to enroll in upper-level courses as college freshmen. Four major themes of statistics will be covered as outlined by the College Board. They are: 1. exploratory analysis of data using graphical and numerical techniques to study patterns and deviations from patterns. 2. Planning a study to clarify the question, 3. Decide upon a method of data collection and analysis, 4. Probability and statistical inference. Graphing calculator required; TI84+ calculator recommended.

MATHEMATICS – COMPUTER SCIENCE

INTRODUCTION TO COMPUTER SCIENCE (11810)

Credit: 1/2 | Elective Course
Grades: 9, 10, 11, 12 | Fee: No
Prerequisite: Completion of Algebra I

This course is an introduction to computer science and programming using a sequential and object-oriented approach. Languages investigated may include Basic++, and Java. Basic++, Java, or Javascript may be used to demonstrate how those fundamentals are implemented in a real programming language. Topics include primitive data types, logic & relational operators, conditional statements, iteration, objects, and file input/output. By the end of the course, you will understand the basics of coding and the principles you learn will be developed further as you progress through future computer science courses.

ADVANCED PLACEMENT COMPUTER SCIENCE A (11540)

Credit: 1 | Elective Course
Grades: 10, 11, 12 | Fee: Yes
Prerequisite: Completion of Introduction to Computer Science

The AP Computer Science course is designed to be the equivalent of a college introductory computer science course. Students will be expected to take the AP Computer Science A in May. Depending on the score achieved on the test, students may be granted college credit or allowed to enroll in upper-level courses as college freshmen. Java programming language will be used. Emphasis is on object-oriented program methodology with a concentration on problem solving and algorithmic development. It also includes the study of data structures, design and abstraction.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (11550)

Credit: 1 | Elective Course
Grades: 9, 10, 11, 12 | Fee: Yes
Prerequisite: Introduction to Computer Science and/or teacher recommendation

AP Computer Science Principles is an introductory college-level computing course. Students will be expected to take the AP Computer Science Principles exam in May. Depending on the score achieved on the test, students may be granted college credit or allowed to enroll in upper-level courses as college freshmen. Students will cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing.

PERFORMING ARTS – BAND

CONCERT/MARCHING BAND (12810)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Previous membership or permission of director — Fee: Yes

This course builds on previous years' experience in rhythm, counting, improving tone quality, expression, various articulations, and increasing musical vocabulary. Attendance at out-of-class rehearsals and performances, marching or concert, is viewed as the extension of the classroom and is required.

Marching band is co-curricular. From June to November, this group will be in marching band mode. Attendance at football games, parades, or marching contests is the main requirement for this course (exceptions are to be determined by the director). Marching rehearsals begin in the summer (to be determined by each high school's individual staff). Marching band is a component of the total band experience, not a separate one.

BAND AUXILIARY-FLAG CORPS (12811)

Credit: 1/2 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Audition required — Fee: Yes

From June to November, this group will be in marching band mode. Attendance at football games, parades, or marching contests is the main requirement for this course. Marching rehearsals begin in the summer (to be determined by each high school's individual staff).

JAZZ BAND (12820)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Audition required — Fee: Yes

This group will work on music characteristics of the jazz idiom. They will perform at various community functions as well as school concerts. Enrollment is limited due to specific instrumentation. Mandatory performances outside of the school day are required.

PERFORMING ARTS – CHOIR

BASS CHORUS (12910)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: None — Fee: Yes

Students involved in the choir will enjoy a yearlong opportunity to perform a wide range of choral literature as an ensemble in class and in public performances. The purpose of the
is to promote proper use of the singing voice, to develop blend and balance required for the ensemble, and to develop skills in sight-reading, music theory, and interpretation. Mandatory performances and rehearsals outside of the school day are required.

TREBLE CHORUS (12920)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: None — Fee: Yes

Students involved in choir will enjoy a yearlong opportunity to perform a wide range of choral literature as an ensemble in class as well as public performances. The purpose of this choir is to promote proper use of the singing voice, to develop blend and balance required for the ensemble, and to develop skills in sight-reading, music theory, and interpretation. Mandatory performances and rehearsals outside of the school day are required.

ENSEMBLE CHOIR (12960)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Audition or director's permission — Fee: Yes
Corequisite: Students must enroll in another vocal ensemble other than Show Choir

This group is a supplement to the training offered in other vocal ensembles and enrollment in another choir is required. Students who elect to join this group perform popular genres of music. Mandatory performances and rehearsals outside of the school day are required.

ADVANCED SELECT CHOIR (12930)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 10, 11, 12 — Co-Curricular
Prerequisite: One year of high school choir and audition or director's permission — Fee: Yes

This vocal group works for the highest standards of achievement in vocal sound and performance. Class experiences include sight singing, music theory and in-depth vocal training. Mandatory performances outside the school day will include concerts, community appearances and OMEA large group contests. There will be mandatory rehearsals outside of the school day. This is the most select ensemble and requires serious musical commitment.

CONCERT CHOIR (12940)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 10, 11, 12 — Co-Curricular
Prerequisite: One year of high school choir and audition or permission of director — Fee: Yes

This choir will continue the development of concepts begun in Treble/Bass chorus. Students will work on vocal production and music reading skills. Mandatory rehearsals and performances outside of the school day are required. This choir will participate in OMEA large group contests and concerts.

SHOW CHOIR (12950)

Credit: 1 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Audition — Fee: Yes
Co requisite: Students must enroll in another vocal ensemble (see Director for details)

Since this group is a supplement to the training offered in other vocal ensembles, enrollment in another choir is required. Students who elect to join this group perform popular genre of music which may be combined with choreography or staging. Mandatory performances and rehearsals outside of the school day are required.

PERFORMING ARTS – MUSIC

MUSIC APPRECIATION (12850)

Credit: 1/2 (Fine Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: No
Prerequisite: None

Music Appreciation is for the student who is interested in the history and inner workings of western and non-western music, as well as a better understanding of the global community and its cultures. Topics include composers, time periods, genres, cultures, etc.

MUSIC THEORY (12870)

Credit: 1/2 (Fine Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

Music Theory is for the student who wants to learn the basic workings of music. Students will be writing music by the end of the course. This is a detailed study of music, so learners, ideally, have some background in traditional music training, but it is not required.

AP MUSIC THEORY (12510)

Credit: 1 (Fine Arts Credit) Elective Course
Grades: 11, 12 Fee: Yes
Prerequisite: Completion of Music Theory

This college-level music course follows the syllabus established by the College Board. Topics covered include basics of all composition, including harmony, melody, rhythm, musical form and analysis, sight singing, and ear training. Concepts covered in this course are equivalent to the study completed by college freshmen music majors. Recommended for serious music students only.

PERFORMING ARTS – ORCHESTRA

ORCHESTRA (12830)

Credit: 1 (Fine Arts Credit) Elective Course
Grades: 9, 10, 11, 12 Co-Curricular
Prerequisite: None Fee: Yes

Emphasis will be placed on improving technical skills, musicianship, ensemble training, and interpretive and group performance skills. Musical literature is varied and includes all styles from Baroque to Contemporary. Attendance at out-of-class rehearsals and performances are viewed as an extension of the classroom and are required. Ensembles include Concert Orchestra, Prelude Orchestra, Sinfonia, and Chamber Orchestra. Auditions will be used to determine placement in the advanced ensembles. **This course is repeatable.**

PERFORMING ARTS – THEATER

INTRO TO THEATRE (05990)

Credit: 1/2 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: None — Fee: Yes

This course is designed for the beginning theatre student interested in an introduction to theatre, acting, and technical production. Topics include beginning acting technique, an introduction to technical theatre, and world theatre history. The course will also address theatre safety, careers in theatre, as well as theatre etiquette and appreciation. Students will read and analyze dramatic writing and are required to attend a performance of a school theatre production.

ACTING (05950)

Credit: 1/2 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Co-Curricular
Prerequisite: Intro to Theatre — Fee: Yes

An active exploration of movement, vocal performance, and improvisation through performances of monologues and scene work. Students will learn to play dramatic action honestly and believably, using contemporary and classical texts. Course work includes exercises and improvisations exploring awareness, relaxation, observation, the senses, voice, and physical and emotional life.

STAGECRAFT (05970)

Credit: 1/2 (Fine Arts Credit) — Elective Course
Grades: 9, 10, 11, 12 — Fee: Yes
Prerequisite: Intro to Theatre

A project-based course exploring lighting, sound, set construction, costuming, make-up, and properties through hands-on, real-life skills. Students will study the "behind-the-scenes" work and the importance of technical theatre in a production, as well as implement their skills in hands-on projects.

THEATRE SEMINAR (05991)

Credit: 1/2 (Fine Arts Credit) — Elective Course
Grades: 10, 11, 12 — Co-Curricular
Prerequisite: Intro to Theatre — Fee: Yes

In-depth and advanced areas of theatre studies, such as Musical Theatre, Directing, Costuming and Make-up, Dramatic Literature, and Black, Indigenous, and Peoples of Color (BIPoC) Theatre Studies. The annual offerings are based on student interest and needs. Students will critically inquire into dramatic and technical processes, and/or societal or cultural contexts and theories, deepening their understanding of theatre as a whole and their personal work. This course may require dress rehearsals and performances outside of class time. **This course is repeatable**.

PERFORMANCE ENSEMBLE (12860)

Credit: 1/2 (Fine Arts Credit) Elective Course
Grades: 10, 11, 12 Fee: Yes
Co-Curricular

Prerequisite: Acting or Stagecraft; or Co-requisite: Acting or Stagecraft; and Application/Audition

Advanced theatre students will refine their craft in Acting or Stagecraft collaboratively by producing or devising a play, musical, or scenes for an audience. This course challenges students in organizing and developing drama processes while deepening their understanding of what goes into producing a show with minimal rehearsals outside of class. It is ideal for students working on individual skills in leadership, design, and character through a shared creative performance in front of an audience. Some dress rehearsals and performances are required outside of class time. **This course is repeatable**.

PHYSICAL EDUCATION / HEALTH

PHYSICAL EDUCATION/DUAL OR INDIVIDUAL ACTIVITIES AND FITNESS (08110AB)

Credit: 1/4 Required Course
Grades: 9, 10, 11, 12 Fee: Yes

Prerequisite: None

This class is a combination of dual/individual activities with a fitness component. The activities will focus on teaching etiquette, technique, and skills related to the sports highlighted during the quarter. These activities may include (but not limited to) badminton, disc golf, fencing, fishing, table tennis, golf, juggling and tennis. During the fitness part of the class students will participate in the five fitness components while they learn to design, incorporate and live a healthy and active life. Activities may include (but are not limited to) weight training, jogging, and circuit training.

PHYSICAL EDUCATION/TEAM ACTIVITIES AND FITNESS (08110AC)

Credit: 1/4 Required Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This class will blend team activities with a fitness component. Students who select this class will participate in small team activities. These activities include, but are not limited to softball, volleyball, floor hockey, ultimate Frisbee, soccer, basketball, touch football, group games and team handball. During the fitness part of the class students will participate in the five fitness components while they learn to design, incorporate and live a healthy and active life. Activities may include (but are not limited to) weight training, jogging, and circuit training.

CONDITIONING & WEIGHT TRAINING (08810)

Credit: 1/4 Non-Credit Course
Grades: 9, 10, 11, 12 Fee: Yes

(This course does <u>not</u> fulfill the graduation PE requirement.)

This course includes weightlifting and exercise & fitness activities. Students will develop confidence and capabilities to perform in a fitness environment. **This course is repeatable.**

HEALTH (08210)

Credit: 1/2 | Required Course
Grades: 9, 10 | Fee: Yes
Prerequisite: None

This course includes state-mandated instruction related to nutrition, harmful effects of tobacco and electronic smoking devices, drug, opioid, and alcohol abuse, human reproduction, Sexually Transmitted Infections (STIs), healthy relationships, dating and sexual violence prevention, First Aid, CPR and AED are all included in the course content.

PHYSICAL EDUCATION / HEALTH – VIRTUAL OPTIONS

PHYSICAL EDUCATION I -- VIRTUAL (08110W)

Credit: 1/4 (This course satisfies the PE requirement for graduation) | Elective Course
Grades: 9, 10, 11, 12 | Fee: No

This course is offered in Schoology. This class will require hours in sport, due and fitness-related activities. Students will complete weekly activity logs, research and compare fitness facilities, complete a muscle stretch project, accumulate data and do a personal fitness goal project as well as perform a dance routine along with other pertinent physical fitness components. Students must take state mandated fitness tests in muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance. A written final may also be included.

PHYSICAL EDUCATION II – VIRTUAL (08120W)

Credit: 1/4 (This course satisfies the PE requirement for graduation) | Elective Course
Grades: 9, 10, 11, 12 | Fee: No

This course is offered in Schoology. This class will require participation hours in sport, and fitness-related activities. Students will complete a weekly activity log to meet the 60hrs of physical activity and fitness requirements. Students will also be responsible for keeping a nutrition log, creating a video that will demonstrate a variety of motor skills and movement patterns, research a Team Sport and Individual/Dual Sport to demonstrate knowledge of rules and strategies, observe and evaluate a sporting practice and an event to demonstrate knowledge of responsible behavior, and use technology to create a Blog or Discussion board identifying the benefits of physical activity. Students must also take the state mandated fitness tests including muscular strength, muscular endurance, flexibility, and cardiorespiratory endurance. A written final may be included

HEALTH - VIRTUAL (08210W)

Credit: 1/2 | Required Course
Grades: 9, 10 | Fee: Yes
Prerequisite: None

This course is offered in Schoology. This course includes state-mandated instruction related to nutrition, harmful effects of tobacco and electronic smoking devices, drug, opioid, and alcohol abuse, human reproduction, Sexually Transmitted Infections (STIs), healthy relationships, dating and sexual violence prevention, First Aid, CPR and AED are all included in the course content.

SCIENCE

Course 1 (1 credit)	Course 2 (1 credit)	Course 3 (1 credit)	Additional
Physical Science	Biology	Chemistry	Physics
Honors Physical Science	Honors Biology	Honors Chemistry	Anatomy and Physiology
		Earth and Space Science	AP Biology
		Forensics and Genetics	AP Chemistry
		AP Environmental Science	AP Physics I
In Ohio, students must complete 3 science credits. **Please review course descriptions and prerequisites for all science courses. This chart provides context for the way in which earning 3 science credits may be achieved.** ***Teacher recommendations provide essential insight into a student's readiness for Honors and AP Science courses and should play a significant role in course selection decisions*****.** Please discuss your science pathway with teachers and/or school counselors. **SAMPLE** Olentangy Schools Science Pathways can be found here.			AP Physics C
			Other Electives not already taken in course 3

PHYSICAL SCIENCE (13110)

Credit: 1 — Required Course
Grade: 9 — Fee: Yes
Prerequisite: None

The content of this course includes an introduction to physics (electricity, motion, forces, energy and basic astronomy) and to chemistry (properties and interaction of matter). Lab activities will introduce, support and apply concepts. Advanced science learning skills such as data literacy, inquiry, collaboration, and communication are emphasized in each of the core units of study.

HONORS PHYSICAL SCIENCE (13115)

Credit: 1 (replaces Physical Science requirement) — Required Course
Grade: 9 — Fee: Yes
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The content of this course includes an introduction to physics (motion, forces, and energy) and chemistry (properties and interaction of matter). Lab activities will introduce, support, and apply concepts. Advanced science learning skills such as data literacy, inquiry, collaboration, and communication are emphasized in each of the core units of study. The Honors curriculum will challenge the student to acquire knowledge independently, to master abstract concepts, and apply content to new situations. This version of the course is recommended for the student with a strong background and/or interest in science concepts and careers, especially those related to physics and chemistry.

BIOLOGY (13210)

Credit: 1 — Required Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: Physical Science or Honors Physical Science

The content of this course will include the study of biochemistry, the cell, cellular processes, genetics, evolution, and ecology. Lab activities will introduce, support, and apply concepts.

HONORS BIOLOGY (13215)

Credit: 1 (replaces Biology requirement) Required Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Physical Science or Honors Physical Science (Teacher recommendation suggested to ensure course readiness.)
Note: Honors Chemistry may be taken concurrently with teacher recommendation.

The content of this course will include the study of biochemistry, the cell, cellular processes, genetics, evolution and ecology. Lab activities will introduce, support, and apply concepts. The Honors curriculum will challenge the student to master abstract concepts and apply content to new situations. This course is strongly recommended for students planning to take AP Biology.

CHEMISTRY (13310)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Biology
Corequisite: Concurrent enrollment in Algebra II or higher.

The content of this course will include the study of chemical reactions and the structure and properties of matter. This course will briefly review and expand on concepts of atomic structure and chemical relations introduced in the freshman Physical Science course. Lab activities will introduce, support, and apply concepts.

HONORS CHEMISTRY (13315)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Biology or Honors Biology (Teacher recommendation suggested to ensure course readiness.)
Corequisite: Concurrent enrollment in Algebra II or higher.
Note: Honors Biology may be taken concurrently with teacher recommendation.

The content of this course will include the study of chemical reactions and the structure and properties of matter. Lab activities will introduce, support, and apply concepts. The Honors curriculum will challenge the student to acquire knowledge independently, to master abstract concepts, and apply content to new situations. This course is strongly suggested as a supportive curriculum to AP Chemistry.

EARTH AND SPACE SCIENCES (13820)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Physical Science

The content of this course will include the study of geology (focusing on minerals, rocks, and processes that change and shape the Earth), meteorology (focusing on atmospheric processes), oceanography (focusing on processes that contribute to the Earth's climate), and astronomy (focusing on galaxy formation, star formation, planetary processes, and space exploration). Lab activities will introduce, support and apply concepts.

FORENSICS AND GENETICS (13830)

Credit: 1 Elective Course

Grades: 10, 11, 12 Fee: Yes

Prerequisite: Biology

The content of this course includes forensics and genetics sciences. Forensic science topics may include crime scene analysis, toxicology, anthropology, types of evidence, and psychological profiling. Genetic science topics may include heredity, behavioral genetics, structure and function of DNA, bioethics, and biotechnology. Lab activities will introduce, support, and apply concepts.

PHYSICS (13410)

Credit: 1 Elective Course

Grades: 11, 12 Fee: Yes

Prerequisite: Biology (Teacher recommendation suggested to ensure course readiness.)
Corequisite: Concurrent enrollment in Algebra II or equivalent

The content of this course will include the study of forces and motion, energy transformations, electricity and magnetism, and waves. Laboratory activities will introduce, support and apply concepts.

ANATOMY AND PHYSIOLOGY (13810)

Credit: 1 Elective Course

Grades: 11, 12 Fee: Yes

Prerequisite: Chemistry (or concurrent enrollment)
(Teacher recommendation suggested to ensure course readiness.)

The content of this course provides a comprehensive study of the anatomy and physiology of the human body. Topics include body systems, their functions and homeostasis. Lab work will include the dissection of cats, physiologic experiments, computer simulations, and multimedia presentations. This course is especially recommended to students wishing to continue their education in the health and medical fields. *Note: This course includes the rigor and detail of a college-level science course.*

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (13540)

Credit: 1 Elective Course

Grades: 11, 12 Fee: Yes

Prerequisite: Biology (Teacher recommendation suggested to ensure course readiness.)

This college-level environmental science course follows the syllabus established by the College Board. Students will examine, at an advanced level, ecosystems, biodiversity, populations, Earth systems and resources, land and water use, energy resources and consumption, pollution, and global change. Intensive labs will be an essential part of this course. AP Exam fee required. Workbook may be required as an additional fee.

ADVANCED PLACEMENT BIOLOGY (13510)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Biology or Honors Biology, Chemistry (may be taken concurrently) (Teacher recommendation suggested to ensure course readiness.)

This college-level biology course follows the syllabus established by the College Board. Students will examine, at an advanced level, chemistry of life, cell structure and functions, cellular energetics, cell communication, cell cycle, heredity, gene expression and regulation, natural selection and ecology. Extensive reading assignments and intensive labs will be an essential part of this course. This course will meet seven periods each week. AP Exam fee required. Workbook may be required at an additional fee.

ADVANCED PLACEMENT CHEMISTRY (13520)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: Chemistry or Honors Chemistry (Teacher recommendation suggested to ensure course readiness.)
Corequisite: Concurrent enrollment in Precalculus and/or teacher recommendation.

This college-level chemistry course follows the syllabus established by the College Board. Students will examine, at an advanced level, atomic and molecular structure, stoichiometry, properties of matter, chemical reactions, chemical kinetics, thermochemistry, chemical equilibrium, acids and bases, thermodynamics, and electrochemistry. Extensive reading assignments and intensive labs will be an essential part of this course. This course will meet seven periods each week. AP Exam fee is required. Workbook may be required as an additional fee.

ADVANCED PLACEMENT PHYSICS 1 (13550)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: Physical Science and Biology (Teacher recommendation suggested to ensure course readiness.)
Corequisite: Concurrent enrollment in Precalculus or higher.

This college-level physics course follows the syllabus established by the College Board. Students will examine, at an advanced level, kinematics, Newton's laws of motion, work, energy, and power, linear momentum, rotating systems, oscillations, and fluids. Intensive labs will be an essential part of this course. This course is algebra based and does not require the use of calculus. AP Exam fee required. Workbook may be required as an additional fee.

ADVANCED PLACEMENT PHYSICS C: MECHANICS (13530)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: Physical Science and Biology (Teacher recommendation suggested to ensure course readiness.)
Corequisite: Concurrent enrollment in Calculus or higher.

This college-level physics course follows the syllabus established by the College Board. Students will examine, at an advanced level, kinematics, Newton's laws of motion, work, energy, and power, linear momentum, rotating systems, oscillations and gravitation. Intensive labs will be an essential part of this course. This course will meet seven periods each week. AP Exam fee required. Workbook may be required as an additional fee.

SOCIAL STUDIES

If you are currently enrolled in:	Suggested placement:
World History OR Honors World History	US History OR Honors US History OR A.P. US History
US History OR Honors US History OR A.P. US History	Economics OR A.P. Economics OR U.S. Government OR A.P. U.S. Government

WORLD HISTORY 1750-PRESENT (15210)

Credit: 1 Required Course
Grades: 9 Fee: No
Prerequisite: None

This course provides a survey of World History with special emphasis on geographic settings, cultural perspectives, economics systems, and various forms of government within Europe, Asia, Africa, and the Americas. The students will analyze these eras and specific events such as the Enlightenment, American & French Revolutions, Industrialization, Imperialism, Nationalism, the Rise of Communism, the two World Wars, the Cold War, Decolonization and Global Issues of today. Historical review and research through analysis of primary source documents will be integral parts of the course. The instruction of this curriculum may be delivered via an accelerated Interdisciplinary approach, a humanities perspective or a departmentalized format. Each will incorporate various forms of enrichment depending on the strengths associated with each instructor and building.

HONORS WORLD HISTORY 1750-PRESENT (15215)

Credit: 1 Required Course
Grades: 9 Fee: No
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The Honors World History course includes the curriculum of standard World History delivered with additional depth and rigor. There is an emphasis on reading, analysis and writing in the content area.

ADVANCED PLACEMENT WORLD HISTORY: MODERN (15570)

Credit: 1 Elective Course
Grades: 9, 10, 11,12 Fee: Yes
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

This course offers an extensive study of World History covering the period from 1200 to the present. AP World History: Modern is designed to be the equivalent of an introductory college or university survey of modern world history. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

U.S. HISTORY 1877-PRESENT (15220)

Credit: 1 Required Course
Grades: 10 Fee: No
Prerequisite: None

This course provides a chronological survey of the United States History (1877-Present) with emphasis on domestic affairs. As students study historic eras, they will consider the geographic, cultural, economic and political changes that have occurred in the United States during this time period. Students will develop a deeper understanding of their role as citizens while continuing to expand their social studies skills. The same curriculum may be delivered via an accelerated interdisciplinary approach, a Humanities perspective or a departmentalized format. Each will incorporate various forms of enrichment depending on the strengths associated with each instructor and building.

HONORS U.S. HISTORY 1877-PRESENT (15225)

Credit: 1 Required Course
Grades: 10 Fee: No
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The Honors U.S. History course includes the curriculum of standard U.S. History delivered with additional depth and rigor. There is an emphasis on reading, analysis and writing in the content area.

ADVANCED PLACEMENT U.S. HISTORY (15520)

Credit: 1 Elective Course
Grades: 10, 11 Fee: Yes
Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

This AP course is designed to be the equivalent of a college introductory course usually taken in the first year of college. Students will be expected to take the AP Exam in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. Students will examine and assess historical perspectives utilizing primary sources and various readings. The course entails an analysis and evaluation of historical events in the development of the U.S. as a world power. Important eras covered will include Colonial America, Expansionism, the Great Awakening, the Civil War, Industrialism, Progressivism, the World Wars, the Great Depression, the Cold War, the Turbulent 1960's and the political and economic influences of the late 20th century. This course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons clearly and persuasively in an essay format.

ECONOMICS (15850)

Credit: 1/2 Required Course
Grades: 11,12 Fee: No
Prerequisite: None

This course is designed to cover both microeconomics and macroeconomics. Students will learn to use economic reasoning skills and knowledge of major economics concepts, issues and systems in order to make informed choices as producers, consumers, savers, investors, workers and citizens in an independent world. At the microeconomic level, emphasis will be placed on the principles of economics, the forces of supply and demand, and economics in the public sector. At the macroeconomic level, emphasis will be placed on measuring and improving economic performance and analyzing the effects of international trade on the global economy.

U.S. GOVERNMENT (15410)

Credit: 1/2 Required Course
Grades: 11,12 Fee: No

Prerequisite: None

This course provides a survey of the Federal Government and its role in American society. It will emphasize the foundations of government, democratic principles, political change, and individual rights. Students will examine the influence and impact of the institutions of government including the Executive, Legislative, and Judicial Branches. The study of the Constitution and Bill of Rights will include concepts such as the separation of powers, federalism, checks & balances, civil liberties and civil rights.

ADVANCED PLACEMENT U.S. GOVERNMENT/POLITICS (15510)

Credit: 1 Elective Course
Grades: 11,12 Fee: Yes

Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The AP American Government/Politics course is designed to be the equivalent of a college introductory government course usually taken in the first year of college. Students will be expected to take the AP exam in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. The course is designed to provide an analytical perspective of government and politics including the various institutions, groups, beliefs and ideas that constitute U.S. politics. Students will examine the influence and impact of historical documents such as the Constitution and Bill of Rights on the evolving institutions and political influence on government. The impact of historical events will be examined in relationship with the changes of civil rights, civil liberties interest groups and political party organizations. Historical and contemporary issues will be explored through various readings, exercises, and perspectives. The course demands extensive reading and strong writing skills.

ADVANCED PLACEMENT EUROPEAN HISTORY - 1450 TO 2002 (15530)

Credit: 1 Elective Course
Grades: 11,12 Fee: Yes

Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The AP European History course is designed to be the equivalent of a college introductory history course usually taken in the first year of college. Students will be expected to take the AP European History exam in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. The study of European history since 1450 introduces students to the cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Students will examine the development of contemporary institutions, the role of continuity and change in present day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. (A summer reading assignment may be required.)

ADVANCED PLACEMENT MACROECONOMICS/MICROECONOMICS (15540 / 15550)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

Notes: 1. Fee Required for 2 Separate AP Tests (Macro/Micro)
2. Together, AP Macro/Microeconomics fulfills the state graduation requirement for Personal Finance and the Olentangy graduation requirement for Economics (*Senate Bill 17 of the 135th General Assembly)*

This AP course is designed to be the equivalent of a college introductory course usually taken in the first year of college. Students will be expected to take both AP Microeconomics and AP Macroeconomics Exams in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. The purpose of the Microeconomics course is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the country. Microeconomics will be taught during the first semester of the course. The Macroeconomics course is designed to provide a thorough understanding of the principles of economics that apply to an economic system. The course places particular emphasis on the study of national income and price determination, and develops familiarity with economic performance measures, economic growth, and international economics. The Macroeconomics course is taught during the second semester of the course. (A summer reading assignment may be required.)

PSYCHOLOGY (15820)

Credit: 1/2 Elective Course
Grades: 10, 11,12 Fee: No

Prerequisite: None

This elective course will compare the influence of prominent theorists in the analysis of both normal and abnormal behavior. The students will explore the concepts of learning, memory, motivation, perception, and consciousness. There will also be an in-depth analysis of the age and developmental states of the personality combined with various research components used in the study of human behavior.

ADVANCED PLACEMENT PSYCHOLOGY (15560)

Credit: 1 Elective Course
Grades: 10, 11,12 Fee: Yes

Prerequisite: None (Teacher recommendation suggested to ensure course readiness.)

The AP Psychology course is designed to be the equivalent of a college introductory Psychology course usually taken in the first year of college. Students will be expected to take the AP Psychology exam in May. Depending on the score achieved on this test, students may be granted college credit or allowed to enroll in upper-level courses as a freshman in college. This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also explore the methodology utilized by psychologists in their science and practice. Note: A summer reading assignment may be required.

CIVIL AND CRIMINAL LAW (15810)

Credit: 1/2 Elective Course
Grades: 11,12 Fee: No
Prerequisite: None

This elective course will provide an overview of the American Legal System and its practical applications in today's society. There will be an analysis of the foundations of Constitutional Law and the Criminal Justice System with an emphasis on both Civil and Criminal Law. Students will examine the Bill of Rights and its influence on the political and social structure of American Society. Landmark Supreme Court cases will provide an opportunity for students to interpret and analyze the application of Constitutional law in contemporary society.

SOCIOLOGY (15830)

Credit: 1/2 Elective Course
Grades: 10, 11,12 Fee: No
Prerequisite: None

This elective course will explore societal structure and cultural influences on human behavior. Students will analyze the changing roles of groups, relationships, institutional influence, and prejudice in an ever-evolving society. There will be a comparison of group and individual influence on culture, family, and institutions that form the fabric of today and tomorrow's society.

WORLD RELIGIONS (15840)

Credit: 1/2 Elective Course
Grades: 9, 10, 11,12 Fee: No
Prerequisite: None

This elective course will explore both Western and non-Western Religions. There will be a historical examination of the origins, practices and influences of Buddhism, Christianity, Hinduism, Islam, Judaism, and other Traditional Beliefs. Students will analyze the relationship between religion and culture as well as their impact on secular society and political institutions.

POSITIVE LEADERSHIP (15870)

Credit: 1/2 Elective Course
Grades: 9, 10, 11,12 Fee: No
Prerequisite: None

This course is designed to help each student become the best version of themselves through the study of historical and contemporary leadership. Students will gain skills to navigate the challenges in their personal lives, contribute to the common good of their communities, and lead others in academic, personal, and professional domains. Upon completion of the course, students will be able to apply civic virtues and democratic principles when working with others.

VISUAL ARTS

ART I (02110)

Credit: 1/2 — Elective Course
Grades: 9, 10, 11, 12 — Fee: Yes
Prerequisite: None

This course introduces students to the fundamentals of visual art, including principles of design, elements of art, and a variety of 2D and 3D materials and techniques. Students will learn creative problem-solving, art terminology, art appreciation, and craftsmanship, to build a strong artistic foundation. After successfully passing Art I, students can move on to any Level I course.

CERAMICS I (02210)

Credit: 1/2 — Elective Course
Grades: 9, 10, 11, 12 — Fee: Yes
Prerequisite: Art I

This course is designed to introduce students to the fundamentals of clay. Students will explore ceramic techniques while learning essential terminology and processes. Emphasis will be placed on craftsmanship, design, and the relationship between form and function. Students will be encouraged to solve problems with critical thinking and gain an appreciation of ceramic arts.

CERAMICS II (02220)

Credit: 1/2 — Elective Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: Ceramics I

This course is designed to extend students' understanding of clay through more techniques and greater emphasis on personal expression. Students will continue to develop hand-building and/or wheel-throwing skills, explore a wider variety of glazing and surface treatments, and study selected ceramic traditions and practices. Emphasis will be placed on craftsmanship, creativity, and the ability to make thoughtful design choices. Students will be encouraged to experiment, problem-solve, and begin creating pieces that reflect their own artistic interests and style.

ADVANCED STUDIES IN CERAMICS (02280IS)

Credit: 1/2 — Elective Course
Grades: 10, 11, 12 — Fee: Yes
Prerequisite: Ceramics II

This course is designed to build upon students' knowledge of clay by refining technical skills and deepening conceptual understanding. Students will expand their use of hand-building and/or wheel techniques, and experiment with advanced glazing and surface design. Emphasis will be placed on craftsmanship, originality, and the development of a personal artistic voice. Students will be encouraged to take creative risks, solve problems with critical thinking, and create a body of work that demonstrates purpose and skill. **This course is repeatable.**

DIGITAL ART AND DESIGN I (02830)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of digital art and graphic design, including basic software tools, design principles, and creative techniques. Using industry-standard illustration software, students will learn essential terminology and develop technical skills, problem-solving abilities, and visual communication strategies.

DIGITAL ART AND DESIGN II (02831)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Digital Art and Design I

This course is designed to extend students' skills in digital art and design while encouraging greater creative exploration. Students will continue to develop proficiency with industry-standard software, experiment with more advanced techniques, and create work that demonstrates thoughtful design, craftsmanship, and personal artistic voice. Emphasis will be placed on problem-solving, observation, and refining visual communication strategies.

ADVANCED STUDIES IN DIGITAL ART AND DESIGN I (02860IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Digital Art and Design II

This course is designed to build on students' understanding of digital art and design by refining technical skills and expanding creative expression. Students will continue to develop advanced skills with industry-standard software, explore diverse techniques, and create original work that emphasizes craftsmanship, purposeful design, and personal artistic voice. Emphasis will be placed on problem-solving, experimentation, and developing a cohesive body of work. **This course is repeatable.**

DRAWING I (02410)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of drawing through a variety of media and approaches. Students will learn essential terminology, technical skills, and craftsmanship. Emphasis will be placed on creative problem-solving and composition skills as students build confidence in their visual communication.

DRAWING II (02420)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Drawing I

This course is designed to build on students' foundational drawing skills while introducing more complex techniques and approaches. Students will continue to develop observational skills, experiment with a wider range of materials, and explore concepts in composition and expression. Emphasis will be placed on creative problem-solving and design choices to develop a personal artistic voice.

ADVANCED STUDIES IN DRAWING (02450IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Drawing II

This course is designed to deepen students' understanding of drawing through more advanced techniques and approaches. Students will continue to refine their technical skills by intentionally selecting materials and techniques to achieve sophisticated levels of artisanship. Emphasis will be placed on creative problem-solving and design choices as students create work that demonstrates originality, artistic voice, and purpose. **This course is repeatable.**

JEWELRY AND METALS I (02610)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of jewelry design and metalsmithing. Students will learn essential terminology, tools, and techniques with an emphasis on metal fabrication. Students will also explore the significance of form and function in jewelry and metal arts while beginning to develop a deeper understanding of intention and style.

JEWELRY AND METALS II (02620)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Jewelry and Metals I

This course is designed to extend students' skills in jewelry design and metalsmithing while encouraging greater personal expression. Students will continue to develop technical proficiency with metal fabrication, explore a wider variety of materials and techniques, and create work that demonstrates thoughtful design and creativity. Emphasis will be placed on craftsmanship, problem-solving, and developing artistic style.

ADVANCED STUDIES IN JEWELRY AND METALS (02650IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Jewelry and Metals II

This course is designed to build on students' understanding of jewelry design and metalsmithing by refining technical skills and expanding creative expression. Students will continue to develop metal fabrication techniques, experiment with a variety of materials and processes, and create original work that emphasizes both function and personal artistic voice. Emphasis will be placed on craftsmanship, problem-solving, and thoughtful design. **This course is repeatable**.

MODELING AND ANIMATION I (02310)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This computer-based art class introduces students to the creative world of digital animation and 3D modeling. Using industry-standard software, students will learn 3D design principles and texturing skills. Students will learn essential terminology and develop technical skills, problem-solving abilities, and visual communication strategies.

MODELING AND ANIMATION II (02320)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Modeling and Animation I

This course is designed to extend students' skills in digital animation and 3D modeling while encouraging greater creative exploration. Students will continue to develop proficiency with industry-standard software, experiment with more advanced techniques, and create work that demonstrates thoughtful design, craftsmanship, and storytelling. Emphasis will be placed on problem-solving, observation, and refining visual communication strategies.

ADVANCED STUDIES IN MODELING AND ANIMATION (02360IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Modeling and Animation II

This course is designed to build on students' understanding of digital animation and 3D modeling and animation by refining technical skills and expanding creative expression. Students will continue to develop advanced skills with industry-standard software, explore diverse techniques, and create original work that emphasizes craftsmanship, storytelling, and personal artistic voice. Emphasis will be placed on problem-solving, experimentation, and developing a cohesive body of work. **This course is repeatable.**

PAINTING I (02710)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of painting while working with a variety of materials and approaches. Students will learn essential terminology, technical skills, and craftsmanship. Emphasis will be placed on creative problem-solving and composition skills as students build confidence in their visual communication.

PAINTING II (02720)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Painting I

This course is designed to extend students' understanding of painting through more complex techniques and approaches. Students will continue to develop observational skills, experiment with a wider range of materials, and explore concepts in composition, color and personal expression. Emphasis will be placed on creative problem-solving and design choices to develop a personal artistic voice.

ADVANCED STUDIES IN PAINTING (02750IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Painting II

This course is designed to build on students' understanding of painting through more advanced techniques and approaches. Students will continue to refine their technical skills by intentionally selecting materials and techniques to achieve an artistic vision and style. Emphasis will be placed on creative

problem-solving and design choices as students create work that demonstrates originality, artistic voice, and purpose. **This course is repeatable.**

PHOTOGRAPHY I (02810)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of digital photography. Students will learn the technical aspects of the camera and the exposure triangle (ISO, Shutter Speed and Aperture). Composition and lighting will be emphasized. Students will gain experience post processing photographs with editing software.

PHOTOGRAPHY II (02820)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Photography I

This course is designed to extend students' skills in photography while encouraging greater creative exploration. Students will continue to develop camera techniques, lighting, and post-processing skills, and begin to experiment with more complex approaches to composition and visual storytelling. Emphasis will be placed on craftsmanship, observation, and developing a stronger personal artistic voice.

ADVANCED STUDIES IN PHOTOGRAPHY (02870IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Photography II

This course is designed to build on students' understanding of photography by refining technical skills and expanding creative expression. Students will continue to develop camera operation, shooting techniques, lighting, and post-processing skills, while experimenting with creative approaches and visual storytelling. Emphasis will be placed on craftsmanship, purposeful design, and developing a personal artistic voice. **This course is repeatable**.

SCULPTURE I (02230)

Credit: 1/2 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Art I

This course introduces students to the fundamentals of sculpture through a variety of techniques, tools, and materials. Students will learn how to use a variety of materials with an emphasis on 3D design.

SCULPTURE II (02260)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Sculpture I

This course is designed to extend students' skills in sculpture while encouraging greater creative exploration. Students will continue to develop techniques with a variety of materials and tools, experiment with 3D design concepts, and create projects that reflect both craftsmanship and personal artistic voice. Emphasis will be placed on problem-solving, observation, and thoughtful design choices.

ADVANCED STUDIES IN SCULPTURE (02270IS)

Credit: 1/2 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Sculpture II

This course is designed to build on students' understanding of sculpture by refining technical skills and expanding creative expression. Students will continue to work with a variety of materials and processes, explore historical and contemporary influences, and create original projects that emphasize 3D design, craftsmanship, and personal artistic voice. Emphasis will be placed on problem-solving, creative risk-taking, and developing a cohesive body of work. **This course is repeatable**.

AP ART HISTORY (02510)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Teacher recommendation suggested to ensure course readiness.

AP Art History is designed to be the equivalent of a two-semester Art History Humanities college course. This course welcomes students into the global art world as active participants, engaging with diverse cultures and time periods as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art from prehistory to the present, AP Art History invites students to discover artistic expression throughout history and from around the globe.

WORLD LANGUAGES AND CULTURES

FRENCH I (06110)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This course introduces students to the French language including basic grammatical structures and thematic vocabulary. All three modes of communication (Interpretive, Interpersonal and Presentational) are practiced as well as the four skills of language learning; listening, reading, writing, and speaking. A variety of cultural knowledge from French speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit topics include an introduction to the French World, student likes/dislikes, family and home, school life and at a café. Students are expected to use French for communication in class when possible. Upon completion of this course students should have a novice mid-level of proficiency in the language.

FRENCH II (06120)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Successful completion of French I

This course builds upon students' prior French knowledge from level I with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing, and speaking are consistently practiced throughout the year. A variety of cultural knowledge from French speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit

topics include Health & Wellness, Holidays & Celebrations, The Community, Shopping and Transportation. Students are expected to use French for communication in class when possible. Upon completion of this course students should have a novice-high level of proficiency in the language.

FRENCH III (06130)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes

Prerequisite: Successful completion of French II

This course builds upon students' prior French knowledge from levels I & II with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from French speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Unit topics include Travel & Accommodations, Food & Drink, Childhood & Storytelling and Technology. Students are expected to use French for communication in class as much as possible. Upon completion of this course students should have an intermediate-low level of proficiency in the language.

FRENCH IV (06140)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: Successful completion of French III

This course builds upon students' prior French knowledge from levels I, II & III with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from French speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Unit topics include Relationships, the Environment, Historical Perspectives, Arts & Entertainment and The World of Work. Students are expected to use French for communication in this class. Upon completion of this course students should have an intermediate mid-level of proficiency in the language.

AP FRENCH (06530)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes

Prerequisite: French IV, Teacher recommendation suggested to ensure course readiness.

This course is designed for students in their fifth year of language study who have a desire to enhance and strengthen their French language skills as well as to extend their cultural knowledge. Advanced Placement French will use a communicative approach with various authentic media in addition to the course prescribed workbook which includes college level test prep material. This course includes a comprehensive review and expansion of grammatical concepts and conversational skills, the study and practice of essay writing and the analysis and discussion of texts, in order to prepare students for the AP French Language Exam. Students are expected to use French to communicate in this class. Students are expected to take the Advanced Placement French Language Exam in May.

GERMAN I (06210)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This course introduces students to the German language including basic grammatical structures and thematic vocabulary. All three modes of communication (Interpretive, Interpersonal and Presentational) are practiced. The four skills of language learning: listening, reading, writing, and speaking are consistently practiced throughout the year. A variety of cultural knowledge from German speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit topics include an introduction to the German World, student likes/dislikes, family and home, school life and at a café. Students are expected to use German for communication in class when possible. Upon completion of this course students should have a novice-mid level of proficiency in the language.

GERMAN II (06220)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: German I

This course builds upon students' prior German knowledge from level I with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing, and speaking are consistently practiced throughout the year. A variety of cultural knowledge from German speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit topics include Health & Wellness, Holidays & Celebrations, The Community, Shopping and Transportation. Students are expected to use German for communication in class when possible. Upon completion of this course students should have a novice-high level of proficiency in the language.

GERMAN III (06230)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: German II

This course builds upon students' prior German knowledge from levels I & II with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from German speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Unit topics include Travel & Accommodations, Food & Drink, Childhood, Storytelling and Technology. Students are expected to use German for communication in class as much as possible. Upon completion of this course students should have an intermediate-low level of proficiency in the language.

GERMAN IV (06240)

Credit: 1 Elective Course
Grades: 12 Fee: Yes
Prerequisite: German III

This course builds upon students' prior German knowledge from levels I, II & III with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from German speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Students are expected to use German for communication in this class. Upon completion of this course students should have an intermediate-mid level of proficiency in the language.

AP GERMAN (06520)

Credit: 1 Elective Course
Grades: 11, 12 Fee: Yes
Prerequisite: German IV, Teacher recommendation suggested to ensure course readiness.

This course is designed for students in their fifth year of language study who have a desire to enhance and strengthen their Spanish language skills as well as to extend their cultural knowledge. Advanced Placement German will use a communicative approach with various authentic media in addition to the course prescribed workbook which includes college level test prep material. This course includes a comprehensive review and expansion of grammatical concepts and conversational skills, the study and practice of essay writing and the analysis and discussion of texts, in order to prepare students for the AP German Language Exam. Students are expected to use German to communicate in this class. Students are expected to take the Advanced Placement German Language Exam in May.

SPANISH I (06310)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: None

This course introduces students to the Spanish language including basic grammatical structures and thematic vocabulary. All three modes of communication (Interpretive, Interpersonal and Presentational) are practiced as well as the four skills of language learning; listening, reading, writing, and speaking. A variety of cultural knowledge from Spanish speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit topics include an introduction to the Spanish World, student likes/dislikes, family and home, school life and at a café. Students are expected to use Spanish for communication in class when possible. Upon completion of this course students should have a novice mid-level of proficiency in the language.

SPANISH II (06320)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes
Prerequisite: Spanish I

This course builds upon students' prior Spanish knowledge from level I with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing, and speaking are consistently practiced throughout the year. A variety of cultural knowledge from Spanish speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials when appropriate. Unit topics include Health & Wellness, Holidays & Celebrations, The Community, Shopping and Travel. Students are expected to use Spanish for communication in class when possible. Upon completion of this course students should have a novice-mid level of proficiency in the language.

SPANISH III (06330)

Credit: 1 Elective Course
Grades: 10, 11, 12 Fee: Yes
Prerequisite: Spanish II

This course builds upon students' prior Spanish knowledge from levels I & II with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from Spanish speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Unit topics include Travel & Accommodations, Food & Drink, Childhood, Storytelling and Technology. Students are expected to use Spanish for communication in class as much as possible. Upon completion of this course students should have an intermediate-low level of proficiency in the language.

SPANISH IV (06340)

Credit: 1 Elective Course
Grades: 11, 12
Prerequisite: Spanish iII or Successful completion of Spanish III Spanish for Spanish Speakers

This course builds upon students' prior Spanish knowledge from levels I, II & III with a goal to increase their overall language proficiency in the three modes of communication (Interpretive, Interpersonal and Presentational). The four skills of language learning: listening, reading, writing and speaking are consistently practiced throughout the year. A variety of cultural knowledge from Spanish speaking countries is presented and when possible, students are asked to compare their home culture to the target language culture. Class material is presented using a variety of resources including authentic materials as much as possible. Unit topics include Relationships, the Environment, Historical Perspectives, Arts & Entertainment and The World of Work. Students are expected to use Spanish for communication in this class. Upon completion of this course students should have an intermediate mid-level of proficiency in the language.

AP SPANISH (06510)

Credit: 1 Elective Course
Grades: 12 Fee: Yes

Prerequisite: Spanish IV, Teacher recommendation suggested to ensure course readiness.

This course is designed for students in their fifth year of language study who have a desire to enhance and strengthen their Spanish language skills as well as to extend their cultural knowledge. Advanced Placement Spanish will use a communicative approach with various authentic media in addition to the course prescribed workbook which includes college level test prep material. This course includes a comprehensive review and expansion of grammatical concepts and conversational skills, the study and practice of essay writing and the analysis and discussion of texts, in order to prepare students for the AP Spanish Language Exam. Students are expected to use Spanish to communicate in this class. Students are expected to take the Advanced Placement Spanish Language Exam in May.

SPANISH for SPANISH SPEAKERS (06360)

Credit: 1 Elective Course
Grades: 9, 10, 11, 12 Fee: Yes

Prerequisite: Home Language is Spanish

Spanish for Spanish Speakers is a course specifically designed for learners whose home language is Spanish. Considers the expansion of all linguistic structures, with a focus on reading and writing. Development of Spanish written communication is a strong emphasis of the course. Explores Spanish-speaking cultures through reading, inquiry, writing, and class discussion. Following successful completion of Spanish for Spanish Speakers, students may continue in Spanish IV.

OLENTANGY ACADEMY – STEM AND TEACHER ACADEMY

STEM

STEM (Science, Technology, Engineering, and Mathematics) education is focused on developing 21st century thinking capacities in young people, including critical thinking, collaboration, communication, and creativity. These thinking capacities are cultivated through learning tasks and activities that are hands-on, relevant to local and global issues, and presented in an integrated transdisciplinary approach.

FREQUENTLY ASKED QUESTIONS

How do I submit my application?
During eighth grade, the first step in the application process is to indicate on your high school course selection sheet that you intend to apply for Olentangy Academy. At this time, it is advised to speak with your middle school counselor about the program and what it would mean to your high school schedule. If you decide to go forward with the application process, please visit the Olentangy Academy page of our website.

Will I still be able to participate in extracurricular activities?
Yes, taking classes at Olentangy Academy will not affect participation in your extracurricular activities.

Freshman Year Courses	Sophomore Year Courses
Home High School (3 periods + lunch)	English 10
Travel via shuttle bus to Olentangy Academy	Biology
Interdisciplinary: English 9 & World History	Math Course
Physical Science	DC Electronic Circuits
Math Course	*Travel via shuttle bus to Home High School*
Engineering Design	Home High School (lunch 3 + periods)

ENGINEERING DESIGN (10860)

Credit: 1 — Elective Course
Grades: 9 — Fee: Yes
Prerequisite: None

Students will learn the application of the engineering design process. Topics include work-processes, optimization methods, design optimization and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to proposed problems, document their work and communicate solutions. Additionally, students will interpret industry prints and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems.

DC ELECTRONIC CIRCUITS (10890STEM)

Credit: 1 — Elective Course
Grades: 10 — Fee: Yes
Prerequisite: Successful completion of Engineering Design

Students will learn the fundamental principles of electricity with emphasis on DC (direct current) circuits. They will use concepts of Ohm's Law, Watt's Law and Kirchhoff's Laws with series, parallel and series-parallel circuit applications. The student will master electrical safety, breadboard wiring, basic circuit troubleshooting, operation of DC power supply and digital multimeter (DMM), and build soldering skills. Students will apply their learning through projects, including creating their own battery, DC motor, and creating a digital device.

STEM Students choose one of two pathways for Junior and Senior years.

ENGINEERING PATHWAY

The complete four course Engineering Pathway is listed below. Students who successfully complete the courses noted with an asterisk and achieve a passing score on the end-of-course exam receive CTAG credit. Please see CTAG section additional information.

- Engineering Design*, Grade 9
- DC Electronic Circuits*, Grade 10
- Manufacturing Operations*, Grade 11
- Robotics, Grade 12

Junior Year Courses	Senior Year Courses
AP Seminar (1 English credit) Manufacturing Operations Intro to Computer Science (0.5 credits) Additional courses at home high school	Robotics Mentorship – two, 10-week internships throughout senior year Additional courses at home high school

MANUFACTURING OPERATIONS (10891STEM)

Credit: 1 — Elective Course
Grades: 11 — Fee: Yes

Prerequisite: Successful completion of DC Electronic Circuits

Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety.

ROBOTICS (10880)

Credit: 1 — Elective Course
Grades: 12 — Fee: Yes

Prerequisite: Successful completion of Manufacturing Operations

Students will apply the knowledge and skills necessary to program and operate robots, using the teach pendant as the main interface point. Students will learn robotic operations and system configurations. Students will code, compile and debug programs using robotic programming language.

BIOTECHNOLOGY PATHWAY

The complete four course Biotechnology Pathway is listed below. Students who successfully complete the course noted with an asterisk and achieve a passing score on the end-of-course exam receive CTAG credit. Please CTAG section for additional information.

- Biotechnology for Health and Disease
- Biomedical Engineering
- Genetics of Disease
- Principles and Practices of Biomedical Science

Junior Year Courses	Senior Year Courses
AP Seminar (1 English credit) Intro to Stats (0.5 credits) Biotechnology for Health and Disease Genetics of Disease	Biomedical Engineering Principles and Practices of Biomedical Technologies Research Design and Clinical Applications • BTN-2099, Optional CCP (1 credit hour) Mentorship – two, 10-week internships throughout senior year

BIOTECHNOLOGY FOR HEALTH AND DISEASE (13930STEM)

Credit: 1 | Elective Course
Grades: 11 | Fee: Yes
Prerequisite: None

This course explores techniques for extracting, separating, and assaying carbohydrates, lipids, and proteins from biological samples. Topics include mechanisms for regulating metabolism and gene expression. Students will describe the morphology and process of reproduction of microorganisms important in clinical disease and biotechnology applications. Students will perform assays as a diagnostic tool to detect the presence of a pathogen. Further, students will perform separation techniques including chemical separations, centrifugation, distillation, and filtration and interpret results.

GENETICS OF DISEASE (13940STEM)

Credit: 1 | Elective Course
Grades: 11 | Fee: Yes
Prerequisite: None

Students gain knowledge and skill in genetic principles and molecular methods of analysis. Topics include enzymology, protein purification, gene expression and organization. Students perform biomolecular applications using knowledge of nucleic acid structure and function, DNA replication, transcription, translation, chromosome structure and remodeling and regulation of gene expression in prokaryotes and eukaryotes. Additionally, students will use electrophoresis to separate nucleic acids and proteins to determine molecular weight.

BIOMEDICAL ENGINEERING (13950STEM)

Credit: 1 | Elective Course
Grades: 12 | Fee: Yes
Prerequisite: Successful completion of Junior level STEM science courses

Students learn medical interventions that extend and improve quality of life including gene therapy, use and development of prosthetics, rehabilitation techniques, and supportive care. Students will use 3D imaging, data acquisition software, and current scientific research to design and develop medical intervention products. Students will demonstrate current and emerging strategies and technologies used for collecting, analyzing, recording and sharing information. In addition, students will develop leadership and team-building skills that promote collaboration.

PRINCIPLES AND PRACTICES OF BIOMEDICAL SCIENCE (13960STEM)

Credit: 1 | Elective Course
Grades: 12 | Fee: Yes
Prerequisite: Successful completion of junior level STEM science courses

In this first course, students will use concepts, procedures, and equipment common to a professional medical laboratory. Students conduct problem-based studies, apply scientific methodology and use descriptive statistics to communicate and support predictions and conclusions. Students will follow procedures and protocols for handling, transporting, storing, and preparing specimens. Further, students will sample, monitor, and record environmental conditions of the facilities. Emphasis is given to demonstrating professional and ethical behavior associated with the medical field.

BIOTECHNOLOGY: Research Design and Clinical Applications (CSCC BTN2099)

Credit: 1 CCP Credit, Opt-In | Elective Course
Grades: 12
Prerequisite: Successful completion of Junior level STEM science courses

This OPTIONAL course provides a comprehensive introduction to the clinical research industry, including research methodologies, clinical program and trial development, and regulatory oversight. Students will explore the roles of regulatory agencies, sponsors, investigators, IRBs, and the public in clinical research, as well as the ethical considerations involved. Through a combination of theoretical instruction and professional development workshops, students will develop essential research skills, gain valuable insights into career pathways, and examine trends and opportunities in clinical research.

SENIOR MENTORSHIP AT OLENTANGY ACADEMY (23910STEM)

Credit: 1 | Elective Course
Grades: 12 | Fee: Yes
Prerequisite: Successful completion of junior level STEM science courses

The mentorship course at Olentangy Academy is required of all seniors. Mentorship is a year-long course that allows students to gain first-hand experience in a career of their choice. Students complete career assessments, prepare a resume and practice interview skills among other life-planning activities. Students will be released to participate in a student internship in a field of their choice. Throughout the course, students will create a portfolio of their experience and will have a mentorship presentation at the end of each semester.

SKILLS USA

Students enrolled in Engineering or Biotechnology are members of SkillsUSA. SkillsUSA is a national nonprofit organization that serves students preparing for careers in technical, skilled, and service occupations. It focuses on developing career-ready leaders and responsible citizens by providing educational experiences in leadership, teamwork, and citizenship, complementing hands-on technical skills training. The organization connects students with industry partners through its programs, including competitions, to ensure they develop skills valued by today's employers.

TEACHER ACADEMY

Teaching has a profound and lasting impact on both individuals and society. Teaching is a vital and rewarding job because it shapes future generations, empowers individuals and fosters a lifelong love of learning. Educators serve as mentors and role models, offering guidance and support that extend beyond academics, and helping to build strong, interconnected communities.

TEACHER ACADEMY I: Foundations of Education (23943) & Training & Communities, Schools & Stakeholders (23942)

Credit: 2 (Applied Arts Credit) — Elective Course
Grades: 10, 11, 12 — Co-Curricular
Prerequisite: Application process — Fee: Yes

This course offers an overview of the education system, public schools, and the teaching profession. Students will explore topics such as licensure requirements, history of education, and introduction to lesson planning. Through classroom learning, internships, and community engagement, students will develop skills to be college and career ready. Students will create a professional portfolio and gain leadership experience, preparing students to make a meaningful impact in the classroom and beyond.

Eligible students will receive 3 credit hours for EDUC2210, Introduction to Education, offered through Columbus State Community College. This CCP course credit is embedded in Teacher Academy I.

TAI Internships are designed to give students a broad understanding of various careers and licenses available in public schools in Ohio. Over the course of the year, 3 internship rotations will include the following (or a combination): Elementary, Middle School, Intervention, Unified Arts.

TEACHER ACADEMY II: Education Principles (23941) & Classroom Management (23944)

Credit: 2 (Applied Arts Credit) — Elective Course
Grades: 11, 12 — Co-Curricular
Prerequisite: Application process — Fee: Yes

In this advanced course, students will deepen their understanding of the teaching profession and build on foundational concepts introduced in the previous course (TAI). The curriculum will focus on key areas such as effective lesson planning, classroom management strategies, and addressing the diverse needs of exceptional learners. Through hands-on experiences, students will actively engage in the teaching profession via internships, guest speakers, and project-based learning. As part of the course, students will complete and refine their professional portfolios, earning college credit for Introduction to Education at an accredited public university in Ohio. This course provides students with the opportunity to further develop the skills and knowledge necessary for a successful career in education.

Eligible students will receive 3 credit hours for EDUC2220, Educational Technology, offered through Columbus State Community College. This CCP course credit is embedded in Teacher Academy II.

Students who successfully complete Education Principles and achieve a passing score on the end-of-course exam receive CTAG credit. Please see CTAG Section for additional information.

In TAII Internships are designed to give students opportunities to set individual goals and explore career opportunities that reflect their career interests, skills and abilities. Internship placements will be student selected and facilitated by the Teacher Academy instructor.

EDUCATORS RISING

Students enrolled in Teacher Academy I & II are members of Educators Rising. Educators Rising is a Career Technical Student Organization for students enrolled in the Teacher Academy Program. Educators Rising offers many opportunities to engage in leadership, professionalism and community service. Students compete in lesson planning, public speaking and more at the state level with opportunities to compete at the National Level. Visit https://educatorsrising.org/ for more information about Educators Rising.

How do I submit my application?

The first step in the application process is to indicate on your course selection sheet that you intend to apply for Teacher Academy. If you decide to go forward with the application process, please visit Teacher Academy on the Olentangy Academy website.

How does this fit in my schedule?

Teacher Academy I is scheduled at Olentangy Academy from 12:30-2pm, students may provide their own transportation or utilize a shuttle to and from their home high school and Olentangy Academy.

Teacher Academy II is scheduled at Olentangy Academy from 9:20-10:45am, students may provide their own transportation or utilize a shuttle to and from their home high school and Olentangy Academy.

How can I find out more information about this program?

You can find more information about the Teacher Academy program on our website.
https://oa.olentangy.k12.oh.us/

AEROSPACE & LEADERSHIP (AIR FORCE JUNIOR ROTC)

Program Overview: The AFJROTC program provides citizenship education and aerospace science curriculum for high school students. Enrollment in the AFJROTC program is open to all students in grades 9-12. The objectives of AFJROTC are to educate and train students in citizenship and life skills; promote community service; instill a sense of responsibility; and develop character and self-discipline through education and instruction in air and space fundamentals and the Air Force's core values: Integrity First, Service Before Self and Excellence In All We do. Each AFJROTC class consists of three components—Aerospace Science (AS), Leadership Education (LE), and Wellness. Courses are offered at Hayes High School and are available to high school students of the Olentangy, Delaware, Buckeye Valley, and Big Walnut districts. Chartered by Congress in 1966, this program is charged with integrating programs of aerospace education, citizenship, leadership, team-building skills, and voluntary community service with the curricula of their host high schools. and carries no obligation to enter military service. In addition, AFJROTC makes available extensive voluntary extracurricular activities such as field trips, interscholastic drill team, rocket club, raider (Fitness Team), and community service projects. **The program is not an extension of the recruiting services of any branch of armed service and there is no military obligation associated with this course.** Transportation is **not** provided by OLSD. For more information, visit this fact sheet:
https://resources.finalsite.net/images/v1610386833/olentangyk12ohus/bpp9cgasveuctp6zdfva/AFJROTCFactSheet.pdf

Aerospace Science: This portion of the AFJROTC curriculum acquaints students with the elements of aerospace and the aerospace environment. It introduces them to the principles of aircraft flight and navigation, the history of aviation, the development of air power, contemporary aviation, human requirements of flight, cultural and global awareness, geography, the space environment, space programs, space technology, rocketry, propulsion, the aerospace industry, and survival.

Leadership Education: This portion of the AFJROTC curriculum develops leadership skills and acquaints students with the practical application of life skills. The leadership education curriculum emphasizes discipline, responsibility, leadership, followership, citizenship, customs and courtesies, cadet corps activities, study habits, time management, communication skills, career opportunities, life skills, financial literacy, management skills, and drill and ceremonies, health and wellness.

AEROSPACE SCIENCE I & LEADERSHIP I (25710)

Credit: 1 — Elective Course

Grades: 9-12 — Fee: Yes

First-year cadets do not have to wear a uniform or meet grooming standards. In so doing, it provides students the opportunity to explore the program without wearing a uniform or meeting grooming requirements.

AEROSPACE SCIENCE II & LEADERSHIP II (25720)

Credit: 1 — Elective Course

Grades: 10, 11,12 — Fee: Yes

Prerequisite: Successful completion of Aerospace Science I & Leadership I

Offered to cadets who successfully complete their first year in JROTC. Note: Second-year cadets are required to wear the uniform and meet grooming standards.

AEROSPACE SCIENCE III & LEADERSHIP III (25730)

Credit: 1 Elective Course

Grades: 11,12 Fee: Yes

Prerequisite: Successful completion of Aerospace Science II & Leadership II

Offered to cadets who successfully completed their second year in JROTC. Note: Third-year cadets are required to wear the uniform and meet grooming standards.

AEROSPACE SCIENCE IV & LEADERSHIP IV (25740)

Credit: 1 Elective Course

Grades: 2 Fee: Yes

Prerequisite: Successful completion of Aerospace Science III & Leadership III

Offered to cadets who successfully complete their third year in JROTC. Note: Fourth-year cadets are required to wear the uniform and meet grooming requirements.

MANAGEMENT OF THE CADET CORPS and LEADERSHIP EDUCATION (25750)

Credit: 1 Elective Course

Grades: 12 Fee: Yes

Prerequisite: Successful completion of Aerospace Science III & Leadership III; recommendation by Senior Aerospace Science Instructor

Cadets should be in a leadership position managing cadet corps programs by their fourth year in the AFJROTC program. Not every leadership position needs to be held by fourth-year cadets. Management of the Cadet Corps is intended for 4th-year cadets who hold corps management positions; instructors should ensure only those cadets holding corps management/leadership positions are enrolled in the course. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal interaction, managerial, and organizational skills. Instructors should keep in mind that since there is no textbook for this course, the course syllabus will be structured so that cadets achieve course objectives by completing corps management activities.

AFJROTC Summer Leadership School (Off-Campus Summer Elective)

Credit: 1/2 Elective Course

Grades: 9, 10, 11,12 Fee: Yes

Prerequisites: Completion of at least one semester of Aerospace Science 1, 2, 3, or 4, excellent health, reasonable physical condition, health and accident insurance, and the approval of the Senior Aerospace Science Instructor.

This is an intense 6-day leadership experience at Wright Patterson Air Force Base and Wright State University involving students from high schools throughout the Midwest. Course is activity-based. All meals and living arrangements are provided. The program may include academics, land, water, and night survival, field training exercise, drill and ceremonies, recreation, and athletics. JROTC instructors organize and conduct the camp using Air Force and WSU facilities and funding opportunities. **Fee required, varies annually, and announced in April.**

DELAWARE AREA CAREER CENTER

ABOUT DACC: The Delaware Area Career Center offers super-elective courses to Delaware County high school students at the Delaware Area Career Center campus and at local businesses. While the goal of our students is to prepare for their future career, many DACC graduates continue their education at 2- and 4-year colleges to supplement what they learned in high school. The experiences students receive at DACC will help them to stand out on college essays, scholarship applications, and resumes.

APPLICATION DEADLINE: **January 9, 2026** is the priority application deadline. However, qualified students are accepted on a space-available basis until the first week of the school year. To obtain more information, contact Grant Pepper, Enrollment and Outreach Coordinator, at (740) 201-3224 or Mariellen Murray, Administrative Assistant, at (740) 201-3216 or visit www.DelawareAreaCC.org.

FEES: Each program has fees that cover youth club membership, program materials, supplies, tools and/or needed equipment. Fees range from $60 - $900 per year, depending on the program.

PROGRAMS: The Delaware Area Career Center offers 27 two-year programs and 4 one-year programs. DACC students graduate with industry credentials, professional contacts, a portfolio of work, a career passport, and their high school diploma.

Campus Programs

App Development/Programming
Automotive Collision Technology
Automotive Technology
Biotechnology
CBI 9 & 10 *
Clinical Medical Assisting
Construction Technology
Cosmetology+
Culinary Arts
Criminal Justice
Cybersecurity
Dental Assisting
Digital Design
Early Childhood Education
Engineering-Robotics, Automation and Design Engineering Technician
Exercise Sciences and Sports Medicine
Fire Service Training
Health Technology and Nursing
Healthcare Technician
Healthcare Technician-CNA++
Landscaping Architecture and Construction
Nail Technician++
Pharmacy Technician++
Power Sports and Diesel Technology
Welding and Sheet Metal Fabrication

Off-Site Programs

Columbus Zoo and Aquarium School (Columbus Zoo)
Equine Science (Delaware County Fairgrounds)
Hospitality (Local businesses)
Project Search (Grady Memorial Hospital)*
Wildlife and Resource Management (Camp Lazarus)

KEY

+Full day only program
++Senior only program
*One-year program

In cooperation with Delaware County districts, the Delaware Area Career Center offers a variety of technical courses of study. Students may attend DACC full-time or part-time. Full day students take academic classes and the lab program at DACC. Half-day students take their required academic classes at district high schools and only the lab elective programs (for 3 credits) at DACC.

Students who successfully complete all required courses from the Delaware Area Career Center receive a Career Passport Credential, a State Career/Technical Certificate, and a High School diploma.
A typical educational sequence for a student attending the Delaware Area Career Center would be:

Grade 9	Grade 10	Grade 11	Grade 12
English 9	English 10	English	English
Math	Math	Math	Math
Science	Science	Science	Career Lab (3 Credits
Social Studies	Social Studies	Social Studies	Electives
P.E./Health	P.E./Health	Career Lab (3 credits)	
Electives	Electives		

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