

Dear Student,

Course Selection is one of the most important decisions you will make while in high school. Careful course selection will guide you into a college or work training program, and ultimately the career of your choice. This handbook has been designed to help you make the best possible choices for class selections.

First, each of your teachers will recommend the next appropriate step in his or her department's course sequence and required coursework will be entered into the computer for you. Therefore, as a student, you can focus more specifically on selecting those elective courses that most interest you.

After both you and your teachers have had the opportunity to recommend course requests for next year, your parents will also be included and asked to verify that they agree with the course selections assigned.

Finally, as we complete this school year, your teachers and parents will both be given several opportunities to consult with you and make sure that the courses you've selected best fit your academic needs and interests. You should complete the course planner located at the back of this booklet to guide you through the course selection process.

You will soon have an individual scheduling appointment with a guidance counselor or administrator. If you have any questions, please ask. We are happy to help.

The High School Administration

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GENERAL INFORMATION AND REGULATIONS

REQUIREMENTS FOR GRADUATION

To graduate from the Olentangy Local School District, the following credits must be accumulated. For each student, the credits required in English, Social Studies, Science, Mathematics, Health, Physical Education, and Fine/Applied Art are designed to provide a core liberal arts education. Additional units of credit may extend and broaden this education, or may be devoted to specialized vocational or academic work. For additional information on graduation requirements and pathways click [HERE](#)

CREDIT REQUIREMENTS	REQUIRED COURSES
4.0	English
0.5	Health
4.0 ¹	Math
0.5 ²	Physical Education
3.0 ³	Science
3.0 ⁴	Social Studies
1.0 ⁵	Fine Arts Visual Arts courses; Performing Arts courses; Instrumental music Vocal music Theater
6.0	Electives
22	Total Credits Required for Graduation

¹ Mathematics units must include one (1) unit of Algebra II or equivalent.

² 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.

³ 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.

⁴ Students must earn credit in U.S. History, U.S. Government and Economics. (An additional 1/2 credit World History – Class of 2021).

⁵ 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.

COURSE RECOMMENDATION

Olentangy teachers make course recommendations for all students using achievement test information, current and prior grade history, and personal knowledge of the student. Parents and students who disagree with a teacher's recommendation should follow the Course Parental Override Procedure outlined below.

COURSE PARENTAL OVERRIDE

Olentangy teachers make specific recommendations about which courses are most appropriate for their students using standardized achievement test data, current and previous course grade history, and specific knowledge of their students. If a student and her/his 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). If the student experiences difficulty in the course and wants to drop it, she/he may receive a "WF" (withdraw F) in the course.

ATHLETICS ELIGIBILITY

If a student plans to participate in athletic activities, the student must be enrolled in and passing five credits in each grading period (excluding P.E. Math and English Labs). In addition, each student must earn a minimum G.P.A. of 1.50 per quarter. If not, that student will be ineligible to participate during the next grading period. Summer school grades, exam grades, semester grades and final course grades do not count toward eligibility. Only those grades earned in the previous quarter are used for eligibility purposes. For example, eligibility for first quarter participation is determined by fourth quarter grades from the previous school year.

SCHEDULE CHANGE POLICY

The following regulations will be followed:

- 1) Due to commitments for staff employment/assignments and the 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 the same period.
 - F. Administrative (teacher/guidance) recommendation.
- 2) If a student wishes to appeal the schedule change policy, please follow the building guidelines.

TESTING REQUIREMENTS FOR GRADUATION

In addition to course credits, students will earn points toward graduation on seven end-of-the course exams. These exams will replace the Ohio Graduation Tests. The courses in which students take an end-of-course exam will be: English I and II, algebra I, geometry, Biology, American history and American government. Students can earn from 1-5 points for each exam, based on their performance. With few exceptions, students must accumulate a minimum of 18 points from scores on their end of course exams to become eligible for a diploma. To ensure the student is well rounded, they must earn a minimum of four points in math, four points in English and six points across science and social studies.

- The State of Ohio also has two additional pathways to graduation available to students, the details can be found [HERE](#)

CREDIT FLEXIBILITY OPTION

Olentangy recognizes that an effective educational program is one that provides 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 mastery of course content by completing activities and/or testing. Information detailing courses and procedures for credit flexibility are available in the guidance office or online at <http://www.olentangy.k12.oh.us>

There are two options for earning credit within the program.

- **“Course Proficiency”** is 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.

ONLINE COURSES

Olentangy offers some courses in an online format. Please speak with a building administrator or guidance counselor for more information about specific course offerings.

COLLEGE CREDIT PLUS

Students may enroll full or part time in a post-secondary institution to take nonsectarian courses for high school and/or college credit. A post-secondary institution or college is defined as any state-assisted college or university described in the Ohio Revised Code or any nonprofit institution holding a certificate of authorization. Students interested in College Credit Plus (CCP) must meet all of the following criteria:

1. Attend a meeting with high school officials explaining the program.
2. Turn in “Intent to Participate” form to high school by March 31st.
3. Apply to and must meet college admission requirements.

WORK STUDY OPTION

Olentangy Local Schools offers an experience option for students who have met the state of Ohio’s “complete core” curriculum. These are:

Eligibility – student must be completing a “Complete Core Curriculum.”

Experience – Eligible students may flex arrival or departure time.

Participation Requirement – student must complete 160 hours of supervised, documented work study. Upon successful completion, the student will earn 1 elective credit for the work study component of this experience.

PE WAIVER

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

COURSE AUDIT

In order to audit a course, a student must have received a "C-" or higher in the original course. No credit will be granted for audited courses. All course work is required and grades will be assigned. Signature of the classroom teacher is required.

COURSE RE-TAKE

A student may re-take a course if s/he received a "D+" or below in the original course, or is recommended to do so by the teacher. 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 on 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.

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 arrange their high school curriculum to meet these requirements. Students undecided about their choice of a college but who desire 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 minimum college prep requirements are listed below. Number in () represent the recommended number of units for strong preparation:

College Prep English	4 units
College Prep Mathematics	4 units
College Prep Science	3 (4) units
College Prep Social Science	2 (3) units
Same Foreign Language	2 (3) units
Visual or Performing Art	1 unit
Above Courses	1 additional unit

Students not fulfilling these requirements may be accepted on "conditional" admission. This may entail correcting deficiencies in their pre-college preparation or possibly completing various developmental courses. Please note: Colleges may increase the world language requirement for all majors. Therefore, students planning to attend college are encouraged to take three years of world language.

The above courses represent a **minimum** for most colleges and universities. Some will accept fewer credits and some will require more. It should be emphasized again that there is considerable variation in admission requirements. The appropriate college catalog or web page should be consulted for more information.

It should be pointed out that college admission cannot be assured simply by the accumulation of the required credits, but is dependent to a great extent on academic excellence. Also considered are such factors as ACT/SAT scores, participation in extra-curricular activities, recommendations from the school and enrollment in advanced placement and honors courses.

CREDIT BELOW THE NINTH GRADE

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, prior to the end of the first semester of the student's senior year, the student and parent wish to change the "P" grade into an academic letter grade, the student and parent 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 8th grade 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 year are considered 9th graders, and will be assigned a letter grade for course work.

Per Ohio law, students new to the district desiring such credit must provide their respective counselor the following documentation on their previous school's letterhead: 1) that the course which credit is being pursued was a high school course; and 2) that the course was taught by a teacher who held the appropriate secondary teaching license/certificate for the course. No courses, other than those listed above, will be accepted for credit.

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

EARLY GRADUATION REQUIREMENTS 4 units, including 1/2 unit in U.S. History, 1/2 unit in U.S. Government, 1/2 unit in World History (beginning with Class of 2021) 4 units, including 1/2 unit in U.S. History, 1/2 unit in U.S. Government, 1/2 unit in World History (beginning with Class of 2021)
Students desiring 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.

HONORS AT GRADUATION:

Presidential Award for Educational Excellence

This award was established to encourage students to achieve high academic standards by recognizing and rewarding them for educational excellence.

Selection criteria:

- A) Grade point average – Earn a cumulative grade point average of 3.5 on a 4.0 scale through the first semester of the senior year.
- B) Standardized Achievement Test - Achieve in the 85th percentile or higher in math or reading. (High school seniors may use college admissions examinations such as SAT or ACT)

Academic Recognition at Commencement

Because of the competitive nature of the Olentangy high schools, students are not ranked for college admission purposes. The high schools will instead honor students based upon the following standards of achievements:

Students will be honored at commencement based on the following cumulative 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

Beginning with the class of 2020, the high schools will recognize as valedictorian(s) at the end of seven or eight semesters anyone who achieves the highest cumulative GPA in the class.

In order to be eligible, a student must have attended an Olentangy high school for his/her entire fifth through eighth semesters.

This 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 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 his/her 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 parents/legal guardians if the student is less 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 can be found [HERE](#).

SUGGESTED TRACKS 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

COLLEGE EDUCATION CURRICULUM

9th Grade

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

10th Grade

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

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
Other Electives	

12th Grade

English (R)	1 credit
*Math (R)	1 credit
Advanced Science	1 credit
World Language	1 credit
Other Electives	

Colleges may require world language for all majors.

CAREER AND TECHNICAL EDUCATION CURRICULUM

9th Grade

English (R)	1 credit
*Math (R)	1 credit
Science (R)	1 credit
World Studies 1750-Present (R)	1 credit
Physical Education I (RS)	¼ credit
Health (RS)	½ credit
Other Electives	

10th Grade

English (R)	1 credit
*Math (R)	1 credit
Biology (R)	1 credit
US History 1877-Present (R)	1 credit
Physical Education II (RS)	¼ credit
Other Electives	

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 (RS)	1 credit
Delaware Area Career Center	3 credits
Delaware Area Career Center Electives	
Other Elective	

***Four credits of mathematics are required for graduation (through Algebra II). See mathematics courses.**

What are my options?

Business

Accounting	½ credit
Applied Economics	½ credit
International Business and Global Econ	½ credit
Business Foundations	½ credit
Professional Communications Strategies	½ credit
Personal Finance	½ credit
Business Tech	½ credit
Marketing Principles	½ credit
Marketing Applications	1 credit
Integrated Marketing Communications	1 credit
Marketing Internship	1 credit
Professional and Technical Sales	1 credit

English

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

Family & Consumer Sciences

Post-Secondary Planning	½ credit
Design	½ credit
Food for Fitness	½ credit
Cultural Cuisine	½ credit
Human Relationships	½ credit
On Your Own	½ credit
Mentorship I	1 credit
Mentorship II	1 credit
Teacher Academy	2 credit
Service Learning	½ credit

Industrial Technology

CAD I	½ credit
CAD II	½ credit
Architectural Drafting	½ credit
Engineering I	½ credit
Engineering II	½ credit
Basic Wood Technology	½ credit
Intermediate Wood Technology	½ credit
Advanced Wood Technology	1 credit
Home Maintenance	½ credit

Mathematics

Algebra I	1 credit
Algebra I (Dbl-Blk)	1 crdt/ ½ non-Math elective crdt
Geometry	1 credit
Geometry (Dbl-Blk)	1 crdt/ ½ non-Math elective crdt
Honors Geometry	1 credit
Intro to Statistics	½ credit
Intro Algebra II	1 credit
Algebra II	1 credit
Algebra II (Dbl-Blk)	1 crdt/ ½ non-Math elective crdt
Honors Algebra II	1 credit
Algebra III	1 credit
Pre-Calculus	1 credit
Honors Pre-Calculus	1 credit
Discrete Math	1 credit
Calculus	1 credit
AP Calculus AB	1 credit
AP Calculus BC	1 credit
AP Statistics	1 credit
AP Computer Science	1 credit
Introduction to Computer Science	½ credit

Performing Arts

Acting	½ credit
Advanced Acting	½ credit
Stagecraft	½ credit
Advanced Stagecraft	½ credit
Musical Theater	½ credit
Concert/Marching Band	1 credit
Band Auxiliary/Flag Corps	½ credit
Jazz Band	1 credit
Music Appreciation	½ credit
Music Theory	½ credit
Concert Orchestra	1 credit
Men's Chorus	1 credit
Women's Chorus	1 credit
Advanced Select Choir	1 credit
Concert Choir	1 credit
Show Choir	1 credit
AP Music Theory	1 credit
Ensemble Choir	1 credit

Physical Education/Health

Physical Education/Dual/	
Individual Activities & Fitness	¼ credit
Physical Education/Team Activities & Fitness	¼ credit
Physical Education/Activities & Fitness	¼ credit
Health	½ credit
Conditioning & Weight Training	¼ credit
Physical Education Elective	¼ credit
Lifetime Fitness I	¼ credit
Lifetime Fitness II	¼ credit

Science

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

Social Studies

World History 1750-Present	1 credit
Honors World History 1750-Present	1 credit
US History 1877-Present	1 credit
Honors US History 1877-Present	1 credit
US Government	½ credit
AP US Government/Politics	1 credit
AP US History	1 credit
AP European History	1 credit
AP World History	1 credit
AP Macro Economics/Micro Economics	1 credit
AP Psychology	½ credit
Criminal and Civil Law	½ credit
Economics	½ credit
Psychology	½ credit
Sociology	½ credit
World Religions	½ credit

Visual Arts

Art I	½ credit
Ceramics I, II, III, Advanced	½ credit each
Sculpture I, II, III, Advanced	½ credit each
Computer Graphics I, II, III, Advanced	½ credit each
Drawing I, II, III, Advanced	½ credit each
Jewelry I, II, III, Advanced	½ credit each
Painting I, II, III, Advanced	½ credit each
Photography I, II, III, Advanced	½ credit each
Digital Imaging I, II, III, Advanced	½ credit each
AP Art History	1 credit

World Languages

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

Aerospace Science

ROTC

Career Center Programs

North Campus

Automotive Collision Technology
Automotive Technology
CBI 9 & 10 *^
Construction Technology
Cosmetology+
Culinary Arts
Early Childhood Education
Fire Service Training
Landscaping and Turfgrass Management
Power Line Technician
Power Sports and Diesel Technology
Welding and Sheet Metal Fabrication

South Campus

App Development/Programming
Bioscience
Dental Assisting
Digital Design
Engineering Technology**
Food Service ^
Health Technology
Law Enforcement
Networking
Pharmacy Technician++
Wildlife and Resource Management

Off-site Programs

Columbus Zoo and Aquarium School
Equine Science (at the Delaware County Fairgrounds)
Hospitality^ (Local Businesses)

Key

+ Full day only program
++ Senior only program
* One-year program
^ Counselor recommendation preferred
** Three year program beginning in the 10th grade

BUSINESS

ACCOUNTING (03810)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

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, preparing and analyzing financial statements, and payroll records for various types of businesses. Accounting is called the "language of business" and anyone who has career objectives in business should have a basic understanding of this language.

APPLIED ECONOMICS (03820)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

No Fee

Applied Economics is a hands-on introduction to the study of economics and the American free enterprise system. Topics covered include different economic systems, effects of supply and demand, market structures, role of government, and the relationship of micro and macro economics on our society. The course may include the startup and operations of a student run company and a computer based management simulation.

INTERNATIONAL BUSINESS AND GLOBAL ECON (03890)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

The International Business class is designed to provide student with a basic understanding of international business in our free enterprise economy. Students will look at the impact of cultural differences, methods of doing business in other countries, the role of trade agreements and organizations, and various marketing strategies related to doing business internationally.

BUSINESS FOUNDATIONS (03840)

(1/2 Credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

This is the first course for the Business and Administrative Services, Finance and Marketing career fields. It 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 and communications and business financial literacy will be addressed.

PROFESSIONAL COMMUNICATIONS STRATEGIES (03790)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

No Fee

Students will learn to collaborate in teams, solve problems, gather information and use technology to communicate effectively utilizing software, e-mail, multimedia, and the Internet. Writing, listening, speaking, computing, research, and critical thinking skills will be refined to help prepare students for career success in the professional work environment.

PERSONAL FINANCE (03850)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

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 a number of financial strategies, including: banking; budgeting; savings; purchasing cars, house and insurance; investing; how to handle credit and debt; and philanthropy.

BUSINESS TECH (03860)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

This comprehensive course will acquaint students with the capabilities of various software programs used in businesses and by college students today. Students will learn core skills in the Microsoft Office software suite and apply them to simulations that reflect real world applications such as letters, forms, and publications, spreadsheets that incorporate formulas and graphs, and quality presentations that integrate text, graphics, and special effects. Students will also have an opportunity to earn Microsoft Office Specialist (MOS) certification through additional advanced independent study projects.

MARKETING APPLICATIONS (03930)

(1 credit)

Grade: 11

Prerequisite Guidelines: *Students must submit an application.*

Co requisite: *Concurrent enrollment in Marketing Principles*

Elective Course

Fee Required

Students will develop and implement marketing strategies and techniques across marketing functions: channel management, marketing research,

market planning, pricing, product/service management and branding. They will use marketing operations procedures and activities to ensure marketing's efficiency 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 (03950)

(1 credit)

Grades: 12

Prerequisite Guidelines: *Students must submit an application.*

Students who complete the Marketing Applications class as a junior have priority consideration to enroll in this class.

Co requisite: *Concurrent enrollment in Professional and Technical Sales or Marketing Internship*

**Elective Course
Fee Required**

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. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

PROFESSIONAL AND TECHNICAL SALES (03950)

(1 credit)

Grades: 12

Prerequisite Guidelines: *None*

Co requisite: *Concurrent enrollment in Integrated Marketing Communications*

**Elective Course
No Fee**

In this course, students will demonstrate sales processes and techniques used in a business-to-business environment. They will develop, grow, and maintain positive business relationships. Students will monitor trends and the business environment to determine the impact on their sales, customers, and competitors. They will negotiate and adjust prices and sales terms. Students will manage sales activities and territories. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

***MARKETING PRINCIPLES (03931) *Credit Flex Only**

(1/2 credit)

Grades: 11

Prerequisite Guidelines: *Students must submit an application.*

Co requisite: *Concurrent enrollment in Marketing Applications*

**Elective Course
Fee Required**

This is the first course in the Marketing career field. It introduces students to the specializations offered in Marketing. Students will obtain fundamental knowledge and skills in marketing communications, marketing management, marketing research, merchandising and professional selling. They will acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.

MARKETING INTERNSHIP (03929)

(1 Credit)

Grades: 12

Prerequisite Guidelines: *None*

Co requisite: *Concurrent enrollment in Integrated Marketing Communications*

**Elective Course
No Fee**

Students enrolled in the Marketing and Management class are also enrolled in Marketing Internships. One (1) credit is earned for this part-time employment experience. Students will work in paid positions with area businesses. Students may choose their own internship site as long as it is "marketing related". Student will complete regular management-related assignments. Students must work 100 hours per quarter/400 hours for the year. Early release is possible but not required.

MARKETING PATHWAY

Part of the marketing pathways consists of these two classes: Marketing Applications, for juniors and Integrated Marketing Communications, for seniors. Students of both classes are involved in both educational experiences listed below:

School Store-

The school store is a student-run, school-based enterprise. It is operated by the students in the Marketing program.

DECA-

DECA is the co-curricular association 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.

Students who complete the following course and complete at least 3 end-of-course assessments are eligible to receive college credit. The courses required for the pathway are as follows:

- Business Foundations (semester)
- Marketing Principles (semester)
- Marketing Applications (full-year)
- Integrated Marketing Communications(full-year)
- Professional and Technical Sales (full-year) *course requirements met through School Store and Internship

ENGLISH

Grade Level	Olentangy Graduation Requirement	Ohio's "Core Curriculum" Recommendation
9	CP English 9, Honors CP English9	CP English 9
10	CP English 10 Honors CP English 10	CP English 10 Honors CP English 10
11	CP English 11 OR AP English Option	CP English 11 OR AP Literature & Composition
12	English 12 OR CP English 12 OR AP English Option	CP English 12 OR AP Language & Composition

COLLEGE PREP ENGLISH 9 (05110)

(1 credit)

Grades: 9

Prerequisite Guidelines: *None*

***Course may be offered in an online or hybrid format.**

Required Course

No Fee

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 as well as 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 reading of a novel will be required in the summer, and 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 COLLEGE PREP ENGLISH 9 (05115)

(1 credit)

Grades: 9

Prerequisite Guidelines: *none*

***Course may be offered in an online or hybrid format.**

Required Course

No Fee

The Honors College Prep English 9 course includes the same curriculum as the College Prep 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.

COLLEGE PREP ENGLISH 10 (05210)

(1 credit)

Grades: 10

Prerequisite Guidelines: *none*

***Course may be offered in an online or hybrid format.**

Required Course

No Fee

This course continues 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 reading of a novel will be required in the summer, and the purchase of several paperbacks. Additional written genres will also be practiced.

HONORS COLLEGE PREP ENGLISH 10 (05215)

(1 credit)

Grades: 10

Prerequisite Guidelines: *none*

Required Course

No Fee

The Honors College Prep English 10 course includes the same curriculum as the College Prep 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.

COLLEGE PREP ENGLISH 11 (05310)

(1 credit)

Grade: 11

Prerequisite Guidelines: *None*

***Course may be offered in an online or hybrid format.**

Required Course

No Fee

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 study of 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. Summer reading is required as is the purchase of paperback novels throughout the year.

COLLEGE PREP ENGLISH 12 (05410)

(1 credit)

Grade: 12

Prerequisite Guidelines: *None*

***Course may be offered in an online or hybrid format.**

**Required Course
No Fee**

This course is designed for college-bound 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 study of 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 writing intensive course is supported by an array of fiction and non-fiction texts. Summer reading is required as is the purchase of several paperback texts.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION (05510)

(1 credit)

Grade: 11

Prerequisite Guidelines: *"B+" or higher in CP English 10
Or a "B-" or higher in Interdisciplinary Studies English 10*

**Elective Course
(replaces C.P. English 11 requirement)
Fee Required**

This course is designed to match the rigor and depth of an introductory college-level English literature course. 1. 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. 2. 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. The course entails much reading and writing. There is a required summer assignment that includes a writing component and the reading of several books that students will be expected to purchase. Students may be expected to purchase other books during the school year.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION (05520)

(1 credit)

Grade 12

Prerequisite Guidelines: *A "B+" or higher in CP English 11 or a "B-"
or higher in AP English Literature*

**Elective Course
(replaces C.P. English 12 requirement)
Fee Required**

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. The course entails much reading and writing. There is a required summer assignment that includes a writing component and the reading of several books that students will be expected to purchase. Students may also be required to purchase other books during the school year.

SPEECH (05230)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course
No Fee**

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 a 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)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"B" or better in Speech or approval
of instructor*

**Elective Course
No Fee**

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) (1/2 credit)

Grades: 10, 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

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.

BRITISH LITERATURE THROUGH FILM (05850) (1/2 credit)

Grades: 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

The course focuses on examining various British works through the art of film. Through the series of films, students will study aspects of British literature, culture, and history. The intent of viewing the films is to create further interest in students' reading of the selected works. Student evaluations are based on frequent writing assignments, through which students will improve interpretive, stylistic, and organizational skills.

COLLEGE SURVIVAL SKILLS (05860) (1/2 credit)

Grades: 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

This semester course is designed for college-bound students who want to broaden their awareness of a range of problem-solving 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) (1/2 credit)

Grades: 9, 10, 11, 12**Prerequisite Guidelines:** *None***Elective Course****Fee Required**

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.

CLASSICAL MYTHOLOGY (05890) (1/2 credit)

Grades: 10, 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

This course focuses on analyzing and evaluating the three major themes of mythology using Greek and Roman myths. This course will include historical background of classical cultures and the effects myths have on our modern vocabulary, literature, communications, and popular culture.

WORLD MYTHOLOGY (05895) (1/2 credit)

Grades: 10, 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

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

CREATIVE WRITING WITH STYLE (05900) (1/2 credit)

Grades: 9, 10, 11, 12**Prerequisite Guidelines:** *None***Elective Course****No Fee**

This course allows students to produce purposeful creative writing that organizes and conveys ideas effectively for both formal and informal occasions. Students will write journals, notes, poems, and narrative and descriptive pieces. Students will develop precise stylistic skills, and will formulate writing ideas using various stages of the writing process, especially peer critiquing and revision.

ENGLISH – JOURNALISM

INTRODUCTION TO JOURNALISM (05910) (1 credit)

Grades: 9, 10, 11, 12**Prerequisite guidelines:** *"B" average in the previous core English course***Elective Course****Fee Required**

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.

NEWSPAPER JOURNALISM (05920)

(1 credit)

Grade: 10

Prerequisite guidelines: *"B" average in Introduction to Journalism; application required*

Elective Course

Pay to Participate Fee applies

This co-curricular course focuses on publishing a newsletter or a page in a local newspaper that are distributed to parents and community members with an emphasis on layout, photography, copy writing, design, basic website development and public relations. Sophomore 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. Sophomore students usually take this course with the intent of enrolling in Advanced Newsmagazine Journalism their junior year.

ADVANCED NEWSPAPER JOURNALISM (05930)

(1 credit)

Grades: 11, 12

Prerequisite guidelines: *"B" average in Introduction to Journalism; application required*

Elective Course

Pay to Participate Fee applies

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)

(1 credit)

Grades: 10, 11, 12

Prerequisite guidelines: *"B" average in Introduction to Journalism; application required*

Elective Course

Pay to Participate Fee applies

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 sell 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)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"B" average in Introduction to Journalism; application required*

Elective Course

Fee 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

POST-SECONDARY PLANNING/COLLEGE AND CAREERS (23871)

(1/2 credit)

Grades: 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Applied Arts Credit
Fee Required**

This course is designed to prepare students for college and careers. Students will learn about post-secondary preparation by participating in career assessments, identifying skills and interests, developing a resume, understanding college selection and admission process, ACT/SAT testing, scholarships and financial aid. Representatives from a variety of universities/colleges and career fields will present to this class. Students will create a Career Passport to be used on college, job, and scholarship interviews.

DESIGN (23880)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Applied Arts Credit
Fee Required**

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)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Applied Arts Credit
Fee Required**

This course is an introduction to nutrition and food preparation. Students will learn through hands on lab experiences and other classroom activities about basic nutrition principles, the effect food has on our wellness, how to prepare meals using fundamental techniques and equipment.

CULTURAL CUISINE (23890)

(1/2 Credit)

Grades: 10,11,12

Prerequisite Guidelines: *Foods for Fitness*

**Elective Course/Applied Arts Credit
Fee Required**

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

HUMAN RELATIONSHIPS (23820)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Applied Arts Credit
Fee Required**

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 ways topics will be explored in this course.

ON YOUR OWN (23840)

(1/2 credit)

Grades: 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Applied Arts Credit
Fee Required**

This course is one that every college-bound student should take. Areas to be covered include: living in a dormitory, renting an apartment, preparing simple meals, buying food, doing laundry, consumer decision making skills and budgeting. Real life situations and labs will allow the student to practice decision-making skills necessary for life.

MENTORSHIP I (23910)

(1 credit)

Grades: 11, 12

Prerequisite Guidelines: *Application process*

**Elective Course/Applied Arts Credit
Fee Required**

Be able to answer the dreaded question "What are you going to major in?" This course is designed to assist college-bound students who wish to complete a college-oriented internship in high school. Selection is based on an application process. Mentorship is a semester course that allows the students to gain firsthand 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 experiences.

MENTORSHIP II (23920)

(1 credit)

Grades: 11, 12

Prerequisite Guidelines: *"B-" or better in Mentorship I
or Teacher Academy; Application process*

**Elective Course/Applied Arts Credit
Fee Required**

Students will continue the mentorship experience by participating in two additional internships. Students will be responsible for attending seminar, journaling their experiences, and continuing to develop the Mentorship portfolio.

TEACHER ACADEMY (23940)**(2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Application process***Elective Course/Applied Arts Credit
Fee Required**

If you are considering education as a college major, this is the course for you. This class is designed as an introduction to the teaching profession. Students will identify skills required for teaching, and understand personal characteristics needed to succeed in the profession. The curriculum will include lesson planning, classroom management, license requirement, history of education, meeting the needs of exceptional learners, and developing teacher professionalism. Students will explore the teaching profession through a variety of experiences, which may include: field experience, lesson planning, one-to-one tutoring, and project development. Students will create a portfolio, which will include teaching samples as a final project.

College credit for Introduction to Education is available for students who earn an 85 or better on their final portfolio.

SERVICE LEARNING (23930)**(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Application process***Elective Course/Applied Arts Credit
Fee Required**

Service Learning is a course designed to provide students the opportunity to experience hands-on learning through volunteering in the community. Students will identify community and global needs and participate in service opportunities. Students will be released one period to complete 20 hours of service during the semester. College scholarships and applications will be evaluated to identify the importance of service.

INDUSTRIAL TECHNOLOGY

CAD I (10810)

(1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *None*

Elective Course/Applied Arts Credit
Fee Required

This course places emphasis on the development of the ability to express ideas graphically through the use of traditional drafting and computer assisted drafting processes and techniques. Areas of study will include but are not limited to: geometric constructions, orthographic projection, pictorial systems, and conventional practices in dimensioning, sectioning and computer based drafting. The two main themes of this course include establishing skill in drafting and CAD and applying this skill to problem based situations founded in the architectural and engineering industries. Students will be exposed to various CAD and 3D modeling programs.

CAD II (ENGINEERING DESIGN AND PROBLEM SOLVING) (10820)

(1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *CAD I*

Elective Course/Applied Arts Credit
Fee Required

This intermediate level course for students interested in engineering continues the themes started in CAD I. Computer assisted drafting and design and traditional drafting skills are reinforced, enhanced, and challenged in this course. A significant portion of the course is dedicated to learning 3-D modeling software and printing models both graphically and if available 3 dimensionally. Students will be given problems in which they must create and revise solutions, make prototypes of designs, and evaluate solutions. The course is designed to expose students to the prototyping process widely used in industry.

ARCHITECTURAL DRAFTING (10830)

(1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *CAD I*

Elective Course/Applied Arts Credit
Fee Required

This course provides students the opportunity to learn about the principles of architecture and related drafting practices and techniques. Students will design and draw a set of plans for a residential or commercial building. Studies include the creation and utilization of CAD standards as found in architectural firms.

ENGINEERING I (10840)

(1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *None*

Elective Course/Applied Arts Credit
Fee Required

This is a hands-on exploratory course designed to give students exposure to a variety of technologies associated with engineering. Students work individually and in teams to solve a variety of problems using tools and machines unique to various fields of engineering. Students will reinforce their scientific, mathematical, and communication skills through class activities using the engineering problem solving method. The class is designed to strengthen the development of skills in team cooperation, decision-making, critical thinking, troubleshooting, problem solving and independent learning. A design portfolio will be required by all students. This is an excellent elective for the college bound student.

ENGINEERING II (10850)

(1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Engineering I*

Elective Course/Applied Arts Credit
Fee Required

This intermediate level course builds on the knowledge and concepts gained in Engineering I. Problem Solving and Design, three dimensional drafting, team cooperation are reinforced, enhanced and challenged. Students will learn independently and in collaborative engineering teams while solving problems in such area as CAD (computer aided design), transportation, environmental impacts, robotics, manufacturing or construction. The class is designed to strengthen the development of skills in team cooperation, critical thinking, troubleshooting, and problem solving. A design portfolio will be required by all students. This is an excellent elective for the college bound student.

BASIC WOOD TECHNOLOGY (10910)

(1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *CAD I*

Elective Course/Applied Arts Credit
Fee Required

This course will provide the opportunity for students to develop knowledge and abilities of the proper and safe use of machinery and tools. Three projects are required. Reading, math, writing, and research are also important. Aspects of the technological world and work habits, as well as therapeutic values are stressed. Upon completion of the course requirements, a quality project worthy of being displayed is required. Emphasis is placed on the development of safe work practices, good working relationships and economical use of time and materials. Laboratory exercises are required on a daily basis and are very important in grading.

INTERMEDIATE WOOD TECHNOLOGY (10920)

(1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Basic Wood Technology*

Elective Course/Applied Arts Credit
Fee Required

This course will provide students the opportunity to advance their knowledge and ability of the proper and safe use of machinery and tools. Project plans are the responsibility of students to skillfully manufacture quality and unique self-chosen projects. Emphasis is placed on advancing woodworking skills, project design, safe work practices, and the economical use of time and material. Laboratory exercises are required on a daily basis and are very important in grading.

ADVANCED WOOD TECHNOLOGY (10930)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Intermediate Wood Technology***Elective Course/Applied Arts Credit
Fee Required**

This course will provide the opportunity for students to develop knowledge and abilities of design and building furniture. Project plans are the responsibility of students to skillfully manufacture quality furniture. Emphasis is placed on design, identifying different styles of furniture, and understanding the steps needed in furniture construction. Laboratory exercises are required on a daily basis and are very important in grading.

HOME MAINTENANCE (10940)**(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *None***Elective Course/Applied Arts Credit
Fee Required**

This course teaches individuals how to do minor repairs on homes, lawn equipment and automobiles. Areas covered include, but are not limited to, plumbing and electrical repair, floor and wall repair, auto and lawn mower maintenance, and some remodeling techniques. Students should be able to use all tools safely, plus gain a practical understanding of how basic materials and tools are used around the home and car.

MATHEMATICS

If you are currently enrolled in:	Suggested college-bound options are:
Algebra I	Geometry
Geometry	Algebra II
Algebra II	Pre-Calculus OR Electives
Pre-Calculus	Calculus OR AP Calculus OR Electives

ALGEBRA I (11110) (1 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *None*

Required Course
No Fee

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 required; TI-83+ or TI-84+ calculator recommended.**

ALGEBRA I DOUBLE BLOCK (11110DB) (1 Math credit and ½ non Math elective credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *None*

Elective Course
(replaces Algebra I requirement)
No Fee

This course will meet for two consecutive periods within the school day for the entire school year. Students should be sure to reserve two periods on their schedule worksheet when selecting this class. This course covers the basic operations with signed numbers and variables, as well as factoring. Equation solving of linear, simultaneous, and quadratic equations is presented as well as various graphing techniques. Problem solving strategies are emphasized. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

GEOMETRY (11210) (1 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Algebra I*

Required Course
No Fee

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 required; TI-83+ or TI-84+ calculator recommended.**

GEOMETRY DOUBLE BLOCK (11210DB) (1 Math credit and ½ non Math elective credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Algebra I and teacher recommendation*

Elective Course
(replaces Geometry requirement)
No Fee

This course will meet for two consecutive periods within the school day for the entire school year. Students should be sure to reserve two periods on their schedule worksheet when selecting this class. This course is the study of geometric figures in 2 and 3 dimensional space. Inductive and deductive reasoning, the nature of proof, constructions and discovery of relationships are included in the course as well as data analysis and probability. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

HONORS GEOMETRY (11215) (1 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Algebra I and teacher recommendation*

Elective Course
(replaces Geometry requirement)
No Fee

The Honors Geometry course covers the curriculum of regular Geometry at an accelerated pace with the addition of rigorous enrichment topics. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

INTRO TO ALGEBRA II (11320) (1 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Geometry*

Elective Course
No Fee

This course reviews the main concepts from Algebra I and Geometry along with basic Algebra II material. Concepts include, but not limited to, basic number operations, solving equations, graphing linear and quadratic equations, factoring, right triangle, trigonometry, and matrices. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

ALGEBRA II (11310) (1 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Algebra I, Geometry.*

Required Course
No Fee

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, conic sections, complex numbers and trigonometry. **Graphing calculator required; TI-83+ or TI-84+**

calculator recommended.

ALGEBRA II DOUBLE BLOCK(11310DB)

(1 Math credit and ½ non Math elective credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Algebra I, Geometry and Teacher Recommendation*

Elective Course

(replaces Algebra II requirement)

No Fee

This course will meet for two consecutive periods within the school day for the entire school year. Students should be sure to reserve two periods on their schedule worksheet when selecting this class. 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, conic sections, complex numbers and trigonometry. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

HONORS ALGEBRA II (11315)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Algebra I, Geometry and Teacher Recommendation*

Elective Course

(replaces Algebra II)

No Fee

The Honors Algebra II course covers the curriculum of regular Algebra II at an accelerated pace with the addition of rigorous enrichment topics. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

ALGEBRA III (11410)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *Algebra II with a "C" or "D" and teacher recommendation. Not open to students with an "A" or "B" in Algebra II.*

Elective Course

No Fee

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-83+ or TI-84+ calculator recommended.

PRE-CALCULUS (11420)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Algebra II*

Elective Course

No Fee

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-83+ or TI-84+ calculator recommended.**

HONORS PRE-CALCULUS (11425)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Algebra II*

Elective Course

No Fee

The honors Pre-Calculus course covers the curriculum of regular Pre-Calculus at an accelerated pace with the addition of rigorous enrichment topics.

Graphing calculator required; TI-83+ or TI-84+ calculator recommended.

DISCRETE MATH (11430)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *Algebra II*

Elective Course

No Fee

This course deals with a branch of mathematics involving discrete, as opposed to continuous, domains or data sets. Topics within discrete mathematics may include, but are not limited to, combinatorics, logic, sets, relations, functions, mathematical induction, graphs, trees, probability, linear algebra and other modern algebra topics. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

CALCULUS (11450)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *Pre-Calculus*

Elective Course

No Fee

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-83+ or TI-84+ calculator recommended.

INTRODUCTION TO STATISTICS (11710)

(1/2 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *Algebra II*

Elective Course

No Fee

Introduction to Statistics is a one semester course that will expose students to the topic of statistics. While statistics is a mathematics based course there is a great deal of emphasis throughout the course on communication and interpretation of data. Topics include displaying and describing data, scatter plots, regressions, samples and experiments.

ADVANCED PLACEMENT CALCULUS AB (11510)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Pre-Calculus***Elective Course****Fee Required**

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; TI-83+ or TI-84+ calculator recommended.**

ADVANCED PLACEMENT CALCULUS BC (11520)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *AP Calculus AB***Elective Course****Fee Required**

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, L'Hospital's Rule, improper integrals, series of constants and Taylor series. **Graphing calculator required; TI-83+ or TI-84+ calculator recommended.**

ADVANCED PLACEMENT STATISTICS (11530)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Pre-Calculus; concurrently taking Pre-Calculus or Senior Status***Elective Course****Fee Required**

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; TI-83+ or TI-84+ calculator recommended.**

MATHEMATICS – COMPUTER SCIENCE**ADVANCED PLACEMENT COMPUTER SCIENCE (11540)****(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *"B-" or better in Introduction to Computer Science or teacher recommendation***Elective Course****Fee Required**

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.

INTRODUCTION TO COMPUTER SCIENCE (11810)**(1/2 credit)****Grades: 9,10,11,12****Prerequisite Guidelines:** *"C-" or better in Geometry. Concurrent enrollment with Geometry permitted***Elective Course****No Fee**

This course is an introduction to computer science and programming using a sequential and object-oriented approach. Languages investigated may include Basic++, and Java.

PERFORMING ARTS – BAND

CONCERT/MARCHING BAND (12810)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Previous membership or permission of director*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies**

This course builds on previous year's 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 component: 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)

(1/2 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Audition required*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies**

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)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Audition required*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies**

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

MEN'S CHORUS (12910)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies plus workbook**

Students involved in the choir will enjoy a year long opportunity to perform a wide range of choral literature as an ensemble in class and in 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.

WOMEN'S CHORUS (12920)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies plus workbook**

Students involved in choir will enjoy a year long 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)

(1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *Audition or Director's Permission*

Co requisite: *Students must enroll in another vocal ensemble other than Show Choir*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies**

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 genre of music. Mandatory performances and rehearsals outside of the school day are required.

ADVANCED SELECT CHOIR (12930)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *One year of high school choir and audition or permission of director*

**Elective Course/Fine Arts Credit
Pay to Participate Fee applies plus workbook**

This select 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 a serious musical commitment.

CONCERT CHOIR (12940)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *One year of high school choir and audition or permission of director***Elective Course/Fine Arts Credit**
Pay to Participate Fee applies plus workbook

This choir will continue the development of concepts begun in Women's/Men's 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)**(1 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *Audition***Co requisite:** *Students must enroll in another vocal ensemble (see Director for details)***Elective Course/Fine Arts Credit**
Pay to Participate Fee applies

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

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. Material covered includes: composers, time periods, genres, cultures, etc.

MUSIC THEORY (12870)**(1/2 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *None***Elective Course/Fine Arts Credit**
Fee Required

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 an detailed study of music and the student should have some background in traditional music training.

AP MUSIC THEORY (12510)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"B-" or better in Music Theory or permission of director.***Elective Course/Fine Arts Credit**
Fee Required

This college-level music course follows 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 only serious music students.

PERFORMING ARTS – THEATER**ACTING (05950)****(1/2 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *None***Elective Course/Fine Arts Credit**
Fee Required

This course is designed to introduce and familiarize students with theatre arts and acting in particular. The class is a mixture of performance, participation activities and script reading making it an excellent course for those who wish to overcome stage fright. The course focuses on characterization, movement and vocal interpretation to build a foundation for acting. In addition, an overview of theatre history through dramatic literature, a study of the role of theatre within society and theatre appreciation and etiquette will be taught during the course. Mandatory course requirement: Practicum hours served outside the regular school day.

ADVANCED ACTING (05960)**(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *"B" or better in acting***Elective Course/Fine Arts Credit**
Fee Required

This course is for the serious acting student. Multiple forms of drama will be explored through varied performance styles. This course places a heavy emphasis on performance. Students will be required to attend a show outside of the regular school day. This course can be repeated for credit.

STAGECRAFT (05970)**(1/2 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *None***Elective Course/Fine Arts Credit
Fee Required**

This course is designed to introduce students to technical theatre, the "behind-the-scenes" work that goes into a theatrical production. Students will study how technical elements are important to theatre productions and implement their knowledge with hands-on activities and projects. Mandatory course requirements: practicum hours may be required outside regular school day.

ADVANCED STAGECRAFT (05980)**(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Stagecraft and teacher recommendation***Elective Course/Fine Arts Credit
Fee Required**

This course is designed to strengthen expertise in technical theatre and is meant for the serious theater technician. Design implementation and stage management comprise the bulk of the class. Students will gain in-depth exposure to theatre equipment and will aid in the production of school shows. Course may be repeated for additional credit.

MUSICAL THEATRE (12860)**(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Acting***Elective Course/Fine Arts Credit
Fee Required**

This survey course will cover the history of the American Musical Theatre and will prepare the serious theatre student for the audition and rehearsal process involved with musical theatre presentations. Students will explore the development of the musical from its beginnings in the early days of Broadway to its contemporary classics. Participants will also learn acting and singing techniques especially for the musical theatre. A variety of choreography workshops may be interspersed throughout the course to acquaint the student with the dancing aspects related to musical theatre. A fee may be required to cover choreography expenses.

PERFORMING ARTS – ORCHESTRA**ORCHESTRA (12830)****(1 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *None***Elective Course/Fine Arts Credit
Pay to Participate Fee applies plus workbook**

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. If sufficient numbers warrant it, auditions will be used to determine placement in one orchestra or multiple orchestras.

PHYSICAL EDUCATION / HEALTH

PHYSICAL EDUCATION/DUAL/INDIVIDUAL ACTIVITIES AND FITNESS (08110AB) (1/4 credit)

Grades: 9, 10

Prerequisite Guidelines: *None*

Required Course

Fee Required

This class is a combination of dual/individual activities with a fitness component. The activities will focus on teaching the 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, circuit training, Tae-bo and Pilates.

PHYSICAL EDUCATION/TEAM ACTIVITIES AND FITNESS (08110AC) (1/4 credit)

Grades: 9, 10

Prerequisite Guidelines: *None*

Required Course

Fee Required

This class will blend team activities with a fitness component. Students who select this class will participate in large and 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, circuit training, tae-bo and Pilates.

PHYSICAL EDUCATION/ACTIVITIES AND FITNESS (08110BC) (1/4 credit)

Grades: 9, 10

Prerequisite Guidelines: *None*

Required Course

Fee Required

This class targets the fitness component of physical education, along with an activity focus. During the fitness part of the class, students will participate in the five fitness components as they learn to design, and make healthy lifestyle choices as a part of an active life. Activities may include, but are not limited to: weight training, walking, jogging, circuit training, tae-bo, yoga and Pilates. During the activities part of the class, students will focus on the etiquette, technique and skills related to sports. The activities may include, but are not limited to: golf, bowling, Frisbee.

LIFETIME FITNESS I (08110D) (1/4 credit)

Grades: 09, 10, 11, 12

Location: All Classes Will Meet Off-Campus

Required Course

Fee Required

Students may enroll in Lifetime Fitness I to fulfill their high school requirement. Lifetime Fitness I will introduce students to a variety of physical activities. Classes will meet throughout the semester. The schedule and course requirements may be obtained on the web site: oohs.olentangy.k12.oh.us/teachers/elaine_eddy ATTENDANCE OF ALL CLASSES IS MANDATORY.

LIFETIME FITNESS II (08110E) (1/4 credit)

Grades: 09, 10, 11, 12

Location: All Classes Will Meet Off-Campus

Required Course

Fee Required

Students may enroll in Lifetime Fitness II to fulfill their high school requirement. Lifetime Fitness II will introduce students to a variety of physical activities. Classes will meet throughout the semester. The schedule and course requirements may be obtained on the web site: oohs.olentangy.k12.oh.us/teachers/elaine_eddy ATTENDANCE OF ALL CLASSES IS MANDATORY.

HEALTH (08210) (1/2 credit)

Grades: 9, 10

Prerequisite Guidelines: *None*

Required Course

Fee Required

Topics to be covered: mental health, including personality, emotions, and mental illness; the nature of disease; body systems, substance abuse, including tobacco, alcohol and drugs; physical fitness and nutrition; human sexuality and reproduction; first aid and CPR, along with making healthy choices and current health issues.

***Note: This course may be offered online.**

CONDITIONING & WEIGHT TRAINING (08810) (1/4 credit)

Grades: 9,10,11, 12

Elective Course

No Fee

This course includes conditioning, weight lifting and body coordination activities. Students may take this course for more than one semester.

***Note: This course does not fulfill the PE requirement for graduation.**

PHYSICAL EDUCATION ELECTIVE (08820) (1/4 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *Teacher recommendation*

Elective Course

No Fee

This course is open to anyone who has completed his or her physical education requirements. Students will be given a choice for activity selection from the course of study. The class meets five days a week and is for one semester.

***Note: This course does not fulfill the PE requirement for graduation.**

ONLINE PE (08110W) (1/4 Credit)

Grades: 9, 10, 11, 12

Satisfies PE course requirement

Elective Course

This class will require hours in team, individual, 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 pushups, sit ups, flexibility and mile run areas. A written final is also included. This course is run through Schoology.

Grades: 9, 10, 11, 12**Elective Course****Satisfies PE I online course requirement**

This class will require participation hours in team, individual, and fitness related activities. Students will complete a weekly activity log to meet the 60hrs of physical activity and fitness requirement. 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 and complete a written final. This course will be run through Schoology.

SCIENCE

Grade Level	Olentangy Graduation Requirement	Ohio's "Core Curriculum" Recommendation
9	Physical Science OR Honors Physical Science	Physical Science OR Honors Physical Science
10	Biology OR Honors Biology	Biology OR Honors Biology
11	A third lab science course, usually Chemistry OR Earth Science	Chemistry OR Honors Chemistry
12		Physics OR Anatomy & Physiology OR AP Science

PHYSICAL SCIENCE (13110)

(1 credit)

Grades: 9

Prerequisite Guidelines: *None*

**Required Course
Fee Required**

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). Laboratory activities will introduce, support and apply concepts.

HONORS PHYSICAL SCIENCE (13115)

(1 credit)

Grades: 9

Prerequisite Guidelines: *"A-" or higher in previous science course. Teacher recommendation*

**Required Course
(replaces Physical Science requirement)
Fee Required**

The content of this course includes an introduction to physics (motion, forces, energy) and to chemistry (properties and interaction of matter). It is recommended for the student with a strong background and/or interest in science concepts and careers, especially those related to physics and chemistry. Laboratory 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. An independent project may be required outside class each quarter.

BIOLOGY (13210)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *None*

**Course may be offered in an online or hybrid format.*

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.

**Required Course
Fee Required**

HONORS BIOLOGY (13215)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"A-" or above in Physical Science "B" or above in Honors Physical Science. Teacher recommendation
Honors Chemistry may be taken concurrently with teacher recommendation.*

**Required Course
(replaces Biology requirement)
Fee Required**

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)

(1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"C" or above in the previous science course
Corequisite: Concurrent enrollment in Algebra II or higher*

**Elective Course
Fee Required**

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)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** "A-" or better in Biology "B" or better in Honors Biology. Teacher recommendation
Honors Biology may be taken concurrently with teacher recommendation
Corequisite: concurrent enrollment in Algebra II or higher**Elective Course
Fee Required**

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 supportive curriculum to Advanced Placement Chemistry.

CONCEPTUAL PHYSICS (13413)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** none**Corequisite:** Concurrent enrollment in Algebra II or higher.**Elective Course
Fee Required**

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. This course will reduce the mathematical applications of physics, and emphasize the practical applications of physics to everyday situations.

PHYSICS (13410)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** "B-" or better in previous science course**Corequisite:** Concurrent enrollment in Precalculus or higher**Elective Course
Fee Required**

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)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** Biology, Chemistry (or concurrent enrollment),
at least a "B" in the previous science course**Elective Course
Fee Required**

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. This course is especially recommended to students wishing to continue their education in the health and medical fields. It will be taught with the rigor and detail of a college entry level science course. Upon completion, students will be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their relationships. A portion of the year will be spent on laboratory work including the dissection of cats, physiologic experiments, computer simulations, and multimedia presentations.

EARTH AND SPACE SCIENCES (13820)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** Teacher Recommendation**Elective Course
Fee Required**

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).

ADVANCED PLACEMENT BIOLOGY (13510)**(1 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** "B" or better in Honors Biology or Honors Chemistry, "A-" or better in Biology or Chemistry. Teacher recommendation
Corequisite: Concurrent enrollment in Chemistry, if not already completed.**Elective Course
Fee Required**

This college-level biology course follows the syllabus established by the College Board. Students will examine, at an advanced level, cell structure and processes, molecular genetics, biological diversity, plant and animal systems, and ecological concepts. Extensive reading assignments and intensive labs will be an essential part of this course. This course will meet seven periods each week. A summer assignment may be given, AP Exam fee required, Activity manual/workbook may be required at an additional fee.

ADVANCED PLACEMENT CHEMISTRY (13520)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** "B" or better in Honors Chemistry or "A-" or better in Chemistry, and Algebra II. Teacher recommendation**Elective Course
Fee Required**

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 equilibrium, thermodynamics, chemical kinetics, and electrochemistry. Extensive reading assignments and intensive labs will be an essential part of this course. This course will meet seven periods each week. A summer assignment may be given, AP Exam fee required, Activity manual/workbook fee may be required at an additional fee.

ADVANCED PLACEMENT PHYSICS 1 (13550)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"A" or "B" in previous science course***Corequisite:** *Concurrent enrollment in precalculus or higher***Elective Course****Fee Required**

This college-level physics course follows the syllabus established by the College Board. The course covers the following areas: kinematics, Newton's laws of motion, circular motion, universal law of gravitation, simple harmonic motion, impulse and momentum, conservation of energy, rotational kinematics, rotational dynamics, conservation of angular momentum, electrostatics, DC circuits, waves and sound. The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. This course is algebra based and does not require the use of calculus. Students spend a minimum of 25% of instructional time engaged in laboratory work. A hands-on laboratory component is required. Each student will complete a lab notebook or portfolio of lab reports. This course meets seven periods each week. A summer assignment may be given, AP Exam fee required, workbook fee may be required at an additional fee.

ADVANCED PLACEMENT PHYSICS C: MECHANICS (13530H)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"A" or "B" in previous science course***Corequisite:** *Concurrent enrollment in calculus or teacher recommendation***Elective Course****Fee Required**

This college-level physics course follows the syllabus established by the College Board. The course covers Newtonian Mechanics in depth and provides instruction in each of the following areas; kinematics, Newton's laws of motion, work, energy, and power, systems of particles and linear momentum, circular motion and rotation, oscillations and gravitation. The course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. Introductory differential and integral calculus is used throughout the course. The course includes a laboratory component comparable to a semester-long, college-level physics laboratory. Students spend a minimum of 20% of instructional time engaged in laboratory work. A hands-on laboratory component is required. Each student will complete a lab notebook or portfolio of lab reports. This course meets seven periods each week. **A summer assignment may be given, AP Exam fee required, Activity manual/workbook fee may be required at an additional fee.**

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE (13540)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"B-" or better in previous science course; Chemistry or concurrent enrollment***Elective Course****Fee Required**

This college-level environmental science course follows the syllabus established by the College Board. Environmental Science is interdisciplinary. It embraces a wide variety of topics from different areas of study such as Earth systems and resources, the living world, population, land and water use, energy resources and consumption, pollution, and global change. Extensive reading assignments and intensive labs will be an essential part of this course. This course will meet seven periods each week. A summer assignment may be given, AP Exam fee required, and an Activity manual/workbook fee may be required at an additional fee.

SOCIAL STUDIES

Grade Level	Olentangy Graduation Requirement and Ohio's "Core Curriculum Recommendation"
9	World History 1750 – Present Honors World History 1750-Present
10	US History 1877- Present OR A.P. US History
11 12	Economics OR A.P. Economics U.S. Government OR A.P. U.S. Government

WORLD HISTORY 1750-PRESENT (15210)

(1 credit)

Grades: 9

Prerequisite Guidelines: *None*

Required Course

No Fee

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 also 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)

(1 credit)

Grades: 9

Prerequisite Guidelines: *A or B in Social Studies and ELA*

Required Course

No Fee

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.

U.S. HISTORY 1877-PRESENT (15220)

(1 credit)

Grades: 10

Prerequisite Guidelines: *None*

This course will be offered online or hybrid format.

Required Course

Fee Required

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)

(1 credit)

Grades: 10

Prerequisite Guidelines: *A or B in Social Studies and ELA*

Required Course

Fee Required

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

ECONOMICS (15850)

(1/2 credit)

Grades: 11, 12

Prerequisite Guidelines: *None*

Required Course

No Fee

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)**(1/2 credit)****Grades: 11,12****Prerequisite Guidelines:** *None***Required Course****No Fee**

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)**(1 credit)****Grades: 12****Prerequisite Guidelines:** *"B" or better in US History and
"B" or better in CP English 11***Elective Course****Fee Required**

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 a variety of readings, exercises, and perspectives. The course demands extensive reading and strong writing skills. (A summer reading assignment may be required.)

ADVANCED PLACEMENT U.S. HISTORY (15570)**(1 credit)****Grades: 10, 11****Prerequisite Guidelines:** *"B" or better in World Studies or US History and
"B" or better in CP English 9 or 10***Elective Course****Fee Required**

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. (A summer reading assignment may be required.)

ADVANCED PLACEMENT EUROPEAN HISTORY - 1450 TO 2002 (15530)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"B" or better in current CP English and in current social studies***Elective Course****Fee Required**

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 MACRO ECONOMICS/MICRO ECONOMICS (15540 / 15550)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"B" or better in current CP English
and in current social studies course, and Algebra II.***Elective Course****Fee Required – Cost of
2 Separate AP Tests**

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 Micro Economics and AP Macro Economics 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 as a whole. The course places particular emphasis on the study of national income and price determination, and also 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.)

ADVANCED PLACEMENT PSYCHOLOGY (15560)**(1 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *"B" or better in current CP English***Fee Required***and in current social studies course. "B" or better in Interdisciplinary Studies strongly recommended.*

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. (A summer reading assignment may be required.).

ADVANCED PLACEMENT WORLD HISTORY (15570)**(1 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *"B" or better in World Studies or US History and***Fee Required***"B" or better in CP English 9 or 10*

This course offers an extensive study of World History covering the time span 8000 BCE to the present, beginning with the Neolithic Revolution and following the course of world history through modern day. It provides equal coverage of all areas of the world, including Asia, Africa, the Middle East, Europe, and the Americas, focusing on changes and continuities in the historical process as well as providing a global analysis of why these change and continuities occurred. Students will analyze course content through the use of primary and secondary source documents, as well as construct three essays which are specific to the course content. AP World History 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.

CRIMINAL AND CIVIL LAW (15810)**(1/2 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *None***No Fee**

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.

PSYCHOLOGY (15820)**(1/2 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *None***No Fee**

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 study of human behavior.

SOCIOLOGY (15830)**(1/2 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *None***No Fee**

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 from the fabric of today's and tomorrow's society.

WORLD RELIGIONS (15840)**(1/2 credit)****Grades: 11, 12****Elective Course****Prerequisite Guidelines:** *None***No Fee**

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.

VISUAL ARTS

ART I (02110) (1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *None*

Elective Course/Fine Art
Fee Required

This course is designed as a general survey course encompassing a variety of content areas.

CERAMICS I (02210) (1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Art I*

Elective Course/Fine Art
Fee Required

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

CERAMICS II (02220) (1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Ceramics I*

Elective Course/Fine Art
Fee Required

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

CERAMICS III (02240) (1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Ceramics II*

Elective Course/Fine Art
Fee Required

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

CERAMICS – ADVANCED STUDIES (02280IS) (1/2 credit)

Grades: 11, 12
Prerequisite Guidelines: *Ceramics III*

Elective Course/Fine Art
Fee Required

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

SCULPTURE I (02230) (1/2 credit)

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Art I*

Elective Course/Fine Art
Fee Required

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

SCULPTURE II (02260) (1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Sculpture I*

Elective Course/Fine Art
Fee Required

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

SCULPTURE III (02261) (1/2 credit)

Grades: 10, 11, 12
Prerequisite Guidelines: *Sculpture II*

Elective Course/Fine Art
Fee Required

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

SCULPTURE – ADVANCED STUDIES (02270IS) (1/2 credit)

Grades: 11, 12
Prerequisite Guidelines: *Sculpture III*
This course is repeatable for credit

Elective Course/Fine Art
Fee Required

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

COMPUTER GRAPHICS I (02310) **(1/2 credit)**

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Art I*

Elective Course/Fine Art
Fee Required

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

COMPUTER GRAPHICS II (02320) **(1/2 credit)**

Grades: 10, 11, 12
Prerequisite Guidelines: *Computer Graphics I*

Elective Course/Fine Art
Fee Required

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

COMPUTER GRAPHICS III (02330) **(1/2 credit)**

Grades: 10, 11, 12
Prerequisite Guidelines: *Computer Graphics II*

Elective Course/Fine Art
Fee Required

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

COMPUTER GRAPHICS – ADVANCED STUDIES (02360IS) **(1/2 credit)**

Grades: 11, 12
Prerequisite Guidelines: *Computer Graphics III*
This course is repeatable for credit

Elective Course/Fine Art
Fee Required

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

DRAWING I (02410) **(1/2 credit)**

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Art I*

Elective Course/Fine Art
Fee Required

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

DRAWING II (02420) **(1/2 credit)**

Grades: 10, 11, 12
Prerequisite Guidelines: *Drawing I*

Elective Course/Fine Art
Fee Required

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

DRAWING III (02430) **(1/2 credit)**

Grades: 10, 11, 12
Prerequisite Guidelines: *Drawing II*

Elective Course/Fine Art
Fee Required

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

DRAWING – ADVANCED STUDIES (02450IS) **(1/2 credit)**

Grades: 11, 12
Prerequisite Guidelines: *Drawing III*
This course is repeatable for credit

Elective Course/Fine Art
Fee Required

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

JEWELRY I (02610) **(1/2 credit)**

Grades: 9, 10, 11, 12
Prerequisite Guidelines: *Art I*

Elective Course/Fine Art
Fee Required

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

JEWELRY II (02620) **(1/2 credit)**

Grades: 10, 11, 12
Prerequisite Guidelines: *Jewelry I*

Elective Course/Fine Art
Fee Required

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

JEWELRY III (02630) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Jewelry II***Elective Course/Fine Art****Fee Required**

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

JEWELRY – ADVANCED STUDIES (02650IS) **(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Jewelry III***This course is repeatable for credit****Elective Course/Fine Art****Fee Required**

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

PAINTING I (02710) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Drawing I***Elective Course/Fine Art****Fee Required**

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

PAINTING II (02720) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Painting I***Elective Course/Fine Art****Fee Required**

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

PAINTING III (02730) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Painting II***Elective Course/Fine Art****Fee Required**

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

PAINTING – ADVANCED STUDIES (02750IS) **(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Painting III***This course is repeatable for credit****Elective Course/Fine Art****Fee Required**

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

PHOTOGRAPHY I (02810) **(1/2 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *Art I***Elective Course/Fine Art****Fee Required**

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium. A camera is required, ask your art department teachers about camera details.

PHOTOGRAPHY II (02820) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Photography I***Elective Course/Fine Art****Fee Required**

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium. A camera is required, ask your art department teachers about camera details.

PHOTOGRAPHY III (02821) **(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Photography II***Elective Course/Fine Art****Fee Required**

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium. A camera is required, ask your art department teachers about camera details.

PHOTOGRAPHY – ADVANCED STUDIES (02870IS)**(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Photography III***This course is repeatable for credit****Elective Course/Fine Art****Fee Required**

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium. A camera is required, ask your art department teachers about camera details.

DIGITAL IMAGING I (02830)**(1/2 credit)****Grades: 9, 10, 11, 12****Prerequisite Guidelines:** *Art I***Elective Course/Fine Art****Fee Required**

This is a beginning course that focuses on the fundamentals, techniques, and terminology of the medium.

DIGITAL IMAGING II (02831)**(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Digital Imaging I***Elective Course/Fine Art****Fee Required**

This is an intermediate course that focuses on the depth and versatility of the medium as well as the historical and contemporary significance of the medium.

DIGITAL IMAGING III (02832)**(1/2 credit)****Grades: 10, 11, 12****Prerequisite Guidelines:** *Digital Imaging II***Elective Course/Fine Art****Fee Required**

This is an accelerated course that focuses on conceptual development and response to historical and contemporary significance of the medium.

DIGITAL IMAGING – ADVANCED STUDIES (02860IS)**(1/2 credit)****Grades: 11, 12****Prerequisite Guidelines:** *Digital Imaging III***This course is repeatable for credit****Elective Course/Fine Art****Fee Required**

This is an advanced course focusing on implementing a personal artist voice and building a body of work within the medium.

ADVANCED PLACEMENT ART HISTORY (02510)**(1 credit)****Grades: 11, 12****Prerequisite Guidelines:** *"A" or "B" in previous English/History Level or Teacher's Recommendation***Elective Course/Fine Art****Fee Required**

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 its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art.

WORLD LANGUAGES

FRENCH I (06110) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

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) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *"C" or better in French I or teacher recommendation*

Elective Course

Fee Required

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) (1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"C" or better in French II or teacher recommendation*

Elective Course

Fee Required

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) (1 credit)

Grades: 11, 12

Prerequisite Guidelines: *"C" or better in French III or teacher recommendation*

Elective Course

Fee Required

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) (1 credit)

Grades: 12

Prerequisite Guidelines: *"C" or better in French IV or teacher recommendation*

Elective Course

Fee Required

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) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

Elective Course

Fee Required

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) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *"C" or better in German I or teacher recommendation*

Elective Course

Fee Required

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) (1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"C" or better in German II or teacher recommendation*

**Elective Course
Fee Required**

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) (1 credit)

Grades: 11, 12

Prerequisite Guidelines: *"C" or better in German III or teacher recommendation*

**Elective Course
Fee Required**

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) (1 credit)

Grades: 12

Prerequisite Guidelines: *"C" or better in German IV or teacher recommendation*

**Elective Course
Fee Required**

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) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *None*

**Elective Course
Fee Required**

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) (1 credit)

Grades: 9, 10, 11, 12

Prerequisite Guidelines: *"C" or better in Spanish I or teacher recommendation*

**Elective Course
Fee Required**

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 Transportation. Students are expected to use Spanish for communication in class when possible. Upon completion of this course students should have a novice-high level of proficiency in the language.

SPANISH III (06330) (1 credit)

Grades: 10, 11, 12

Prerequisite Guidelines: *"C" or better in Spanish II or teacher recommendation*

**Elective Course
Fee Required**

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) (1 credit)

Grades: 11, 12

Prerequisite Guidelines: *"C" or better in Spanish III or teacher recommendation*

**Elective Course
Fee Required**

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)

(1 credit)

Grades: 12

Elective Course

Prerequisite Guidelines: *"C" or better in Spanish IV or teacher recommendation*

Fee Required

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.



Olentangy Academy

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. The Olentangy Academy STEM program will provide students the opportunity to...

- > Be innovative and think like an engineer
- > Solve real-world problems
- > Answer the question "Why do I have to learn this?"
- > Conduct relevant research
- > Work with professionals in a variety of STEM fields

What courses will Olentangy Academy students take?

Freshman:

Physical Science, Math (Algebra I, Geometry, Algebra II), English and Engineering Design.

Sophomore:

Biology, Math (Geometry, Algebra II, Pre-Calculus), English and Engineering Principles

What about transportation? Will lunch be provided?

Freshman students will begin their day at their home high school where they will take three periods, eat lunch, and then travel to the Academy. At the end of the day they will ride a shuttle back to their home high school to take their normal buses home.

Sophomores will be transported to the Academy in the morning, and transported back to their home high school for lunch, and three full periods of instruction.

Will I still be able to participate in extracurricular activities?

Absolutely!

How do I submit my application?

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, you will complete the online application, which can be found on our website at <http://www.olentangy.k12.oh.us/domain/732>.

How can I find out more information about this program?

You can find more information about our program on our website. You can also follow us on Twitter @OlenAcademy.

**Olentangy Local School District and Columbus State Community College
College Credit Plus Program FAQ 2017-18**

College Credit Plus is an option for students to earn college credit while in high school. These courses are offered during the regular school day and are taught by Columbus State Community College (CSCC) at the Delaware Campus. OLSD refers to these courses the Pacesetter Program. Below are the College Credit Plus (CCP) admission requirements for Columbus State:

1. Demonstrate college readiness by one of the following measures in each subject area in which you want to enroll:

	ACT Subtest		CSCC Placement Test
English	18 or higher in English and 22 or higher in Reading	OR	Accuplacer (see CSCC.edu)
Math	20 or higher (Need 22 or higher to take college level math)	OR	ALEKS (see CSCC.edu)

2. Complete the free CSCC application online
3. Complete the Olentangy-specific course registration form for the courses in which you meet the prerequisite and wish to enroll
4. Please contact CSCC if you have additional questions.

****All courses will be taught at the Columbus State Community College- Delaware Campus****

Subject	Term	CSCC Course(s)	CSCC Credits	Prerequisite
English	Fall	Composition I (ENGL 1100)	3	ACT English 18 OR Accuplacer score
	Spring	Composition II (ENGL 2367)	3	ENGL 1100 with a C or better
Math				
	Fall	Calculus I (MATH 1151)	5	ACT Math 28 OR COMPASS placement OR Pre-Calculus
	Spring	Calculus II (MATH 1152)	5	Calculus I with a C or better
Social Studies	Fall	Intro to Psychology (PSY 1100)	3	ACT English 18 OR Accuplacer score
	Spring	Sociology 1101	3	ACT English 18 or higher or Accuplacer score
Science	Fall	Astronomy 1141	3	Placement score that qualifies for English 1100 and Accuplacer score
	Spring	Biological Anthropology 2200	3	Placement score that qualifies for English 1100 and Accuplacer score

CCP and Pacesetter (exclusive to CSCC) Questions and Considerations

By early February, students will have the opportunity to sign up for any **Pacesetter** courses they are interested in taking and their guidance counselors will schedule them accordingly. Please refer to the Q&A below to help answer questions you may have about the program.

Background Information:

Q: What is the goal of College Credit Plus?

A: Olentangy is interested in maximizing opportunities for students to earn college credit while in high school. The district feels this program offers another option for students interested in potentially earning college credit.

Q: Who will teach the courses to our students?

A: The CCP - Pacesetter courses will be taught by CSCC faculty at the CSCC-Delaware Campus.

Q: What colleges will give credit for dual enrollment classes offered at CSCC?

A: Olentangy is only offering Transfer Assurance Guide (TAG) courses. Any public college or university in Ohio will accept credit for these courses. In addition, CSCC has transfer agreements with a number of private institutions in Ohio including Otterbein and Ohio Wesleyan. Each out-of-state school determines which credit they will accept.

Q: How is a CCP course different from an Advanced Placement (AP) course?

A: The primary difference is that college credit is attained by successfully completing the requirements of the course, rather than earning a necessary score on an exam, as is the case with an AP course. Students should speak with their counselors for help deciding what options are best for them.

Q: Why might students and parents opt for CCP when AP courses are widely recognized by universities across the country? How many colleges and universities in Ohio will recognize CSCC credit?

A: All Ohio public colleges and universities accept TAG courses in the same way they do AP courses. Students who intend to attend private or out-of-state colleges or universities may find AP to be a better option for them.

Q: How is the CCP course factored into the student's high school GPA?

A: The college credit earned will be applied to the high school GPA, as is the case with all other high school courses. In addition, the grade earned will also be factored into the student's GPA at Columbus State.

Q: What is the Accuplacer and ALEKS test?

A: As of November 1, 2016, the COMPASS placement test is no longer available. CSCC will use Accuplacer and ALEKS as their placement tests if students do not qualify under the ACT requirements. The Accuplacer test is a computerized assessment in reading and writing. It is a placement test that identifies the appropriate starting level for courses. CSCC advisors and Olentangy counselors will help students determine the appropriate courses. ALEKS is a computerized assessment for math placement. Please see CSCC.edu for more information about placement tests and requirements.

Implementation:

Q: Will Olentangy teachers or CSCC faculty teach the Pacesetter courses?

A: CSCC faculty will be the instructors for these classes, which will be held at CSCC's Delaware campus on State Route 23.

Q: In general, what types of requirements are necessary in order to enroll in CCP/Pacesetter courses?

A: Students will be expected to demonstrate college readiness in the content area(s) of the course(s) in which they wish to enroll. Counselors will assist students to help determine if CCP is the right choice for them. Please see the CSCC website for admission requirements.

Q: Do the CCP/Pacesetter courses take place during the school day?

A: Pacesetter courses will be offered during typical high school hours and will follow the CSCC course schedule.

Q: What calendar will dual CCP/Pacesetter courses follow?

A: Students who are enrolled in CCP/Pacesetter courses will follow the CSCC academic calendar.

Q: What is the estimated cost to take a CCP/Pacesetter course?

A: Students are not charged for tuition or course fees. Students who require a parking pass will be charged \$35 per semester.

Q: Will any Pacesetter courses be offered online?

A: There may be courses offered online which may accommodate students' varying schedules.

Q: How do parents and students learn more information about the CCP/Pacesetter courses?

A: Information about CCP will be presented to students during their scheduling meetings. In addition, there will be an Educational Options meeting for students and parents.

Q: How many students will be enrolled in each course?

A: CCP/Pacesetter class size will be consistent with college class sizes.

Q: Will transportation to the CSCC Delaware campus be provided by the school district?

A: No. Students will need to provide their own transportation and pay CSCC's parking fee of \$35 per semester.

Q: How do students sign up for CCP courses?

A: Students should see their counselor during the scheduling process if they are interested in taking CCP courses. Counselors will have a document that walks the students through the process of applying to CSCC, demonstrating college readiness and signing up for CCP/Pacesetter courses.

CCP INTENT TO PARTICIPATE 2017-2018

Students and parents are required to inform their school district that they intend to participate in the College Credit Plus program **by March 31** for the following school year.

Students may participate in College Credit Plus at any college or university where they are admitted, and these courses may take place on the college campus, in the high school, or on-line.

Students participating in College Credit Plus will be subject to the same rules and regulations as any other student enrolled in the college. The student will be expected to meet the same standards of performance as degree-seeking students of that college, and will receive college credit and transcripts for this coursework.

The college or university will provide an academic advisor for the student, and students will be eligible to use the services (library, tutoring, etc) of the institution.

Students must apply for admission and follow all enrollment processes in order to be scheduled into a college class through College Credit Plus.

Students and parents have read the information provided by OhioHigherEd and the OLSD Memorandum of Understanding.

Student Name (please print): _____

High School: _____

Name of Counselor or Principal: _____

Student Signature: _____

Parent Signature: _____

AEROSPACE SCIENCE (AIR FORCE JUNIOR ROTC)

Air Force Junior ROTC is a citizenship- and character-building program offered at R.B. Hayes High School and available to students of Hayes, Olentangy, Olentangy Liberty, Olentangy Orange, Buckeye Valley, and Big Walnut High Schools, the Olentangy Academy and OASIS. Chartered by Congress in 1966, Junior ROTC units are charged with integrating programs of aerospace education, citizenship-, leadership- and team-building skills and community service with the curricula of their host high schools. The program is not an extension of the recruiting services of any branch of armed service, is not directly connected with college- or university-level ROTC programs, carries no obligation to enter military service, and does not actively encourage any student to choose a career in the armed service. The program offers elective coursework in the science and history of aviation, exploring space, and cultural studies and survival skills. The program offers extensive extracurricular activities such as field trips, interscholastic drill and air rifle marksmanship teams, rocket club, and community service projects.

"Science of Flight": (Aerospace Science 1 and Leadership 1) - 1st Sem. (Elective)

Credit: ½ C.U.

"Science of Flight": (Aerospace Science 1 and Leadership 1) - 2nd Sem. (Elective)

Credit: ½ C.U.

Offered 2018-2019 to Cadets in their first or second year of AFJROTC. 40% of the course is a study of the forces that enable flight, aerodynamics and propulsion systems. Investigates atmosphere, weather elements and basic forecasting systems; the physiology of flight, impacts on the human body, physical needs to cope in flight, and protective equipment. Introduces elements of navigation, map reading and flight instruments. Leadership 1 (40% of the course) studies respect for the flag, wear of the uniform, military drill, inspections, first aid, and study habits. Concepts of integrity, unity, and honor are emphasized. Also covers the basic aspects of drill and ceremonies to include traditional customs and courtesies, flag honors, drill and ceremonies, drill positions and movements, drill leadership, marching movements, and organizing and leading parades, retreats, and color guards. Evaluation is divided into academic, marching, and performing ceremonies in the community. 20% of the course is oriented to fitness and wellness. (AFJROTC codes AS-200, LE-100, LE-200, LE-500) **\$25 Activity Fee Annually**

"History of Flight": Aerospace Science 2 & Leadership 2 - 1st Sem. (Elective)

Credit: ½ C.U.

"History of Flight": Aerospace Science 2 & Leadership 2 - 2nd Sem. (Elective)

Credit: ½ C.U.

Offered 2017-2018 to Cadets in their first or second year of AFJROTC. 40% of the course is a study of aviation from ancient attempts through pioneers in lighter-than-air craft to the Wright Brothers. Examines the development of the aircraft through WWI and the Inter War Years. Tracks the impact of aviation through WWII, Korea, and the Vietnam Wars. Examines commercial aviation, basic astronomy and space exploration, and air power in military operations of recent years. Leadership 2 (40% of the course) explores human behavior, group behavior, values, and prejudices. Communicative skills include effective listening, speaking, and writing. Leadership studies includes: leadership and followership concepts, principles of effective leaders, and building teamwork. Also covers the basic aspects of drill and ceremonies to include traditional customs and courtesies, flag honors, drill and ceremonies, drill positions and movements, drill leadership, marching movements, and organizing and leading parades, retreats, and color guards. Evaluation is divided into academic, marching, and performing ceremonies in the community. 20% of the course is oriented to fitness and wellness. (AFJROTC codes AS-100, LE-100, LE-200, LE-500) **\$25 Activity Fee Annually**

"Aerospace 3": Aerospace Science 3 & Leadership 3 - 1st Sem. (Elective)

Credit: ½ C.U.

"Aerospace 3": Aerospace Science 3 & Leadership 3 - 2nd Sem. (Elective)

Credit: ½ C.U.

Offered 2018-2019 to Cadets in their third or fourth year of AFJROTC. [NOTE: The Senior Aerospace Science Instructor may, on a case-by-case basis, admit to this course a high school junior or senior who has completed at least one year of AFJROTC.] Cadet consensus determines whether Aerospace content (40%) will focus on Exploring Space, Cultural Studies, or Survival Skills with the stipulation the focus will be one of the two options different from the preceding year's option. Exploring Space covers fundamentals of astronomy; space environment, physical requirements for human survival in space, manned, satellite, and interplanetary probe programs, development of space stations, the space shuttle and new vehicles; and orbital mechanics, rockets, and robotics. Cultural Studies examines regions of the world, relationships between people, cultures and environments, similarities and differences among places; physical and political processes, dangers of pollution, population explosion, and depletion of Earth's natural resources, and how global events and developments affect our nation. Survival covers improvisation, first aid, health, and navigation in survival situations. Leadership 3 (40%) builds on the previous year's understanding of human behavior by exploring the principles of management. Management techniques are taught and cadets use them to manage unit activities, formal dinners, parades, and community service activities. Ethics and core values are explored using ethical dilemmas, and building a basic understanding of how growth occurs in moral reasoning. Stress management, financial management, and citizenship issues are studied to develop the cadet's ability to function in today's society. Development of drill and ceremonies skills begun in Aerospace 1 and 2 continues. 20% of the course is oriented to fitness and wellness. (AFJROTC codes AS-220, 300, OR 410, & LE-300 &/or LE-400, LE-500)

Prerequisite: Science of Flight and/or History of Flight **\$25 Activity Fee Annually**

"Aerospace 4": Aerospace Science 4 & Leadership 4 - 1st Sem. (Elective)

Credit: ½ C.U.

"Aerospace 4": Aerospace Science 4: & Leadership 4 -2nd Sem. (Elective)

Credit: ½ C.U.

Offered 2017-2018 to Cadets in their third or fourth year of AFJROTC. [NOTE: The Senior Aerospace Science Instructor may, on a case-by-case basis, admit to this course a high school junior or senior who has completed at least one year of AFJROTC.] Cadet consensus determines whether Aerospace content (40%) will focus on Exploring Space, Cultural Studies, or Survival Skills with the stipulation the focus will be one of the two options different from the preceding year's option. Exploring Space covers fundamentals of astronomy; space environment, physical requirements for human survival in space, manned, satellite, and interplanetary probe programs, development of space stations, the space shuttle and new vehicles; and orbital mechanics, rockets, and robotics. Cultural Studies examines regions of the world, relationships between people, cultures and environments, similarities and differences among places; physical and political processes, dangers of pollution, population explosion, and depletion of Earth's natural resources, and how global events and developments affect our nation. Survival covers improvisation, first aid, health, and navigation in survival situations. Leadership 4 (40%) prepares the students to enter the job market by managing business activities. Basic resume writing and job interview techniques are taught. Students become familiar with quality planning and measurement techniques. Development of drill and ceremonies skills begun in Aerospace 1 and 2 continues. 20% of the course is oriented to fitness and wellness. (AFJROTC codes AS-220, 300, or 410, & LE-300 &/or LE-400, LE-500) **Prerequisite:** Science of Flight &/or History of Flight **\$25 Activity Fee Annually**

AFJROTC Summer Leadership School (Off-Campus Summer Elective) **Credit: ½ C.U.**

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 includes academics, land, water and night survival, Field Training Exercise, an airplane flight when possible, drill and ceremonies, recreation, and athletics. **JROTC instructors organize**

and conduct the camp using Air Force and WSU facilities and funding opportunities.

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.

Fee required, varies annually, announced in April

DACC | DELAWARE AREA CAREER CENTER

ABOUT DACC: The Delaware Area Career Center offers elective courses to Olen tangy students at the Delaware Area Career Center campuses 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 get at DACC will help them to stand out on college essays, scholarship applications, and resumes.

APPLICATION DEADLINE: February 3rd is the priority application deadline, however, qualified students are admitted on a space-available basis until the first week of the school year. To obtain more information, contact Lisa-Marie Reinhart, Recruitment Coordinator, at (740) 201-3224 or Marsha Link, Administrative Assistant, at (740) 201-3216 or visit www.DelawareAreaCC.org

PROGRAMS: The Delaware Area Career Center offers 24 two-year programs 1 three-year program and 1 one-year program. DACC students graduate with industry credentials, professional contacts, a portfolio of work, a career passport, and their Olen tangy diploma.

North Campus Programs

Automotive Collision Technology
Automotive Technology
CBI 9 & 10 *[^]
Construction Technology
Cosmetology+
Culinary Arts
Early Childhood Education
Fire Service Training
Landscaping and Turfgrass Management
Power Line Technician
Power Sports and Diesel Technology
Welding and Sheet Metal Fabrication

Off-Site Programs

Columbus Zoo and Aquarium School
Equine Science (Delaware County Fairgrounds)
Hospitality [^] (Local businesses)

South Campus Programs

App Development/Programming
Bioscience
Dental Assisting
Digital Design
Engineering Technology**
Food Service [^]
Health Technology
Law Enforcement
Networking
Pharmacy Technician++
Wildlife and Resource Management

Key

+ Full day only program
++ Senior only program
* One-year program
[^] Counselor recommendation preferred
** Three year program beginning in the 10th grade

Delaware Area Career Center affirms that no person shall, on the basis of age, gender, race, color, national origin, religion or creed, pregnancy, handicap or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity conducted under its auspices. Neither the Board nor its employees shall discriminate against any student or individual entitled to participate in the educational program or activities offered by the District, or in the employment or treatment of school district personnel.

Career and Technical Lab Programs

Agricultural and Environmental Systems

Columbus Zoo & Aquarium School

- Experience the excitement, independence and demand of authentic animal field research.
- Apply science and math to produce a college level thesis.
- Work with zoo professionals and apply animal knowledge.

Career Focus: Prepared for further education in any science or conservation related field.

Equine Science

- Work on-site at stables and track with professionals in the daily care, health, and training of horses
- Explore the science of veterinary medicine for horses including clinical procedures, terminology, and disease prevention
- Practice sound stable management

Career Focus: Prepared for immediate employment, licensure, and further education

Landscaping and Turf Management

- Design, install, and maintain unique residential and commercial landscapes
- Apply an extensive knowledge of plants and creative design elements to construct patios, decks, and recreational spaces
- Explore business management and ownership as a lawn care specialist

Career Focus: Prepared for immediate employment and further education

Power Sports & Diesel Technology

- Troubleshoot, repair, overhaul, and assemble new and used gas and diesel power-driven machinery, equipment, and small engines
- Service air-cooled engines, lawn mowers, farm tractors, and motorcycles
- Design, create, and produce parts using plasma cutting technology

Career Focus: Prepared for further education and immediate employment in mechanized equipment maintenance

Wildlife and Resource Management

- Build and maintain a wetland habitat
- Investigate and apply alternative energy solutions
- Research and propose solutions for environmental issues

Career Focus: Prepared for further education in conservation, environmental science, or other science related fields

Construction

Construction Technology

- Construct a residential home from the ground up
- Interpret blue prints and specifications to build structures from rough lumber to finish grade
- Operate a wide range of construction tools

Career Focus: Prepared for immediate employment in construction, advanced certifications, and further education

Education and Training

Early Childhood Education

- Working in DACC's own preschool center, playing an essential role in caring for young children from the community.
- Research, create, and deliver developmentally appropriate materials for young children
- Plan activities that engage children by utilizing effective learning techniques

Career Focus: Prepared for college in a teaching career, advanced certifications, and immediate employment as a preschool aide

Health & Public Safety

Bioscience

- Design and implement scientific research projects using knowledge gained from this program such as – Bioethics for Good Laboratory Practices (GLP) and applying experiments/assays that explore Microbiology, Molecular Biology, and Anatomy.
- Ability to create data, correctly interpret data, and be able to present data so that there is a clear understanding of the experiment(s)
- Complete lab/clinical hours

Career Focus: Prepared for an active role in the Bioscience field.

Dental Assisting

- Take x-rays and develop chair side etiquette as part of a dental team
- Create impressions and molds
- Use knowledge of anatomy, physiology and dental terminology to educate and care for patients

Career Focus: Prepared for immediate employment, advanced certifications

Fire Service Training

- Experience the thrill of saving lives and fighting fires
- Operate a wide-range of firefighting and life-saving equipment
- Develop your mind and body through rigorous mental and physical training

Career Focus: Prepared for immediate employment as a firefighter/EMT, jump start on Paramedic certification, and further education

Health Technology

- Apply advanced health care concepts, processes and diagnostic procedures in a clinical environment
- Emphasis on medical terminology, anatomy, physiology, and infection control
- Develop professional work ethic, medical skills, and patient/client care and confidentiality

Career Focus: Prepared for college medical programs and immediate employment

Law Enforcement

- Use investigative techniques to solve crime scenarios and to mediate and resolve conflicts
- Develop your mind and body using self-defense tactics and fitness training
- Research and analyze current trends and issues in public safety

Career Focus: Prepared for immediate employment, advanced certification, and further education

Pharmacy Technician

- Prescription protocol
- Medication and drug laws
- Medical math and terminology

Career Focus: Pharmacy Technician, Pharmacy Aide, Pharmacist

Human Services

Cosmetology

- Evaluate, recommend and create hair designs
- Use advanced techniques to deliver a wide range of skin care and nail treatments
- Experience a full-service interactive salon environment

Career Focus: Prepared for immediate employment in a salon/day spa, advanced licensure, and further education

Culinary Arts

- Create meals, cakes, and pastries with artistic presentation
- Plan, prepare, and serve meals for upscale events and casual dining
- Operate a full service restaurant open to the public

Career Focus: Prepared for professional culinary programs, immediate employment, and further education

Food Service – Counselor recommendation preferred

- Prepare and serve food according to entry level catering and restaurant standards
- Plan menus, create shopping lists, and acquire supplies within the community
- Identify, sanitize, and safely use equipment in a commercial kitchen

Career Focus: Prepared for immediate employment

Hospitality – Counselor recommendation preferred

- Work at Willow Brook Christian Communities performing a variety of support functions
- Team with hospitality professionals to provide customer service
- Develop critical employability and job attainment skills

Career Focus: Prepared for immediate employment or Project Search

Information Technology

App Development/Programming

- Learn how to create a user interface
- Become familiar with common programming language such as Java, C++, and HTML
- Use analytical skills to determine users' needs and design an app to suit them

Career Focus: Mobile App Developer, Programmer

Digital Design

Conceive, design, and deliver unique interactive content with animation, graphics, audio and visual

- Design, install, and troubleshoot complex computer and audio/visual network systems
- Use the same hardware and software as information technology professionals

Career Focus: Prepared for certifications, immediate employment and college

Networking

- Set up servers, workstations and networks with Microsoft software
- Design, install, and troubleshoot Microsoft technologies
- Use the same hardware and software as Microsoft information technology professionals
- Prepared for certifications, immediate employment and college scholarships
- CISCO based

Career Focus: Prepared for certifications, immediate employment and college

Manufacturing

Engineering Technology

- Learn the engineering design process
- Read and interpret technical drawings
- Become familiar with electro-mechanical components and systems

- Study computer-integrated manufacturing

Career Focus: Prepared for immediate employment as an entry-level engineer

Power Line Technician

- Study to be a Power Line Technician
- Complete all requirements for the entry level position of a power line technician
- Earn qualifications necessary to climb poles and begin work in the field
- Study state approved power curriculum

Career Focus: Prepared for immediate employment as a ground worker at any electric company

Welding and Sheet Metal Fabrication

- Design, engineer, build, and troubleshoot complex manufacturing solutions for actual clients
- Interpret blueprints and specifications using math and computer technology
- Develop the strength, work ethic, and stamina necessary for a career in fabrication

Career Focus: Prepared for entry-level welding certification, immediate employment as an apprentice, and further education

Early High School Opportunities

CBI 9 & 10 - **Counselor recommendation preferred**

- Work in a print shop to develop employability, problem-solving, and life skills
- Create and implement a career plan
- Explore a wide-range of career tech programs while receiving academic support

Career Focus: Prepared to continue high school and qualify for a career tech program

Transportation

Automotive Collision Technology

- Learn how to repair and refinish a damaged vehicles
- Create damage analysis and estimate for repair costs
- Mig welding, sheet metal repair and fabrication
- Sanding surfaces and spraying basecoat/clear coat automotive paint.

Career Focus: Prepared for immediate employment as Collision Repair Technician/Painter/Refinisher, Insurance Adjustor, Estimator or Collision Repair Frame Technician.

Automotive Technology

- Diagnose, maintain, and repair a wide-range of vehicles
- Use the same equipment and techniques as professional technicians
- Work side-by-side with Master Technicians at local automotive service centers

Career Focus: Prepared for college in an advanced auto tech program or related field and immediate employment

Academic Courses

Science

Advanced Chemistry
Anatomy and Physiology
Biology
Chemistry
Forensics
Introduction to Physics
Material Science
Physics
Physical Geology

Mathematics

Algebra II
Calculus
Geometry
Pre-Calculus
Statistics
Transition to College Math

Social Studies

American History
Financial Literacy
Psychology
Sociology
U.S. Government
World History

English

English 10
English 11
English 12