



Anderson  
& Turpin  
High School

# 2026 - 2027 Course Guide



### **Anderson High School**

7560 Forest Road  
Cincinnati, OH 45255  
Tel: 513.232.2772

#### **Principal**

Kyle Fender

#### **Associate Principal**

Emily Bamber

#### **Assistant Principals**

Will Amburgey  
Emily Stanyard

#### **Athletic Director**

Chris Newton

#### **Counselors**

Adrienne Black (A-D)  
Chris DeLotell (E-K)  
Chelsea Meyers (L-Ri)  
Amy Maxwell (Rj-Z)

#### **Department Leads**

Art - Matt Stanyard  
Business - Mike Cook, Justin Servis  
Choral Music - Janna Frank\*\*  
Computer Science - Brad Gaertner  
Counseling - Amy Maxwell  
Family/Consumer Science - Tonia Kincaid  
Health/PE - Evan Dreyer  
Language Arts - Cathy Schuster  
Mathematics - Kristen Fouss  
Orchestra/Strings - Jessica Cox\*\*  
Science - David Brandon  
Social Studies - William Meltebrink  
Careers - Nate Lynch  
Theatre/Film - Chad Weddle  
World Language - Ella Campos

### **Turpin High School**

2650 Bartels Road  
Cincinnati, OH 45244  
Tel: 513.232.7770

#### **Principal**

Andy Jados

#### **Associate Principal**

Camey Eberhard

#### **Assistant Principals**

Dr. Ashley Warren  
JP Casanova

#### **Athletic Director**

Tony Hemmelgarn

#### **Counselors**

Nancy Aniskovich (A-E)  
Amy Mckiddy (F-K)  
Lisa Dean (L-R)  
Randi McAleese (S-Z)

#### **Department Leads**

Art - Emily Casagrande  
Band - Joe Wesche\*\*  
Business - Kevin Hoover  
Computer Science - Susan Keeler-Wyborski  
Counseling - Amy Mckiddy  
Family/Consumer Science - Michelle Plunkett  
Health/PE - Jamie Harloff  
Language Arts - Melinda Trujillo  
Mathematics - Donna Mechley  
Science - Corey Mullins  
Social Studies - Adam Bridges  
Teacher Academy - Rebecca Rowe  
Theatre/Film - Joey Loebker  
World Language - Laura Martinez

***\*\*Denotes District Department Lead***

## **TABLE OF CONTENTS**

<b>Abbreviations Used In Course Listing</b>	<b>4</b>
<b>Planning Your Program Of Study</b>	<b>4</b>
<b>Student Responsibilities</b>	<b>4</b>
<b>Graduation Requirements</b>	<b>4</b>
<b>Diploma With Honors</b>	<b>6</b>
<b>Commencement</b>	<b>7</b>
<b>Early Graduation</b>	<b>7</b>
<b>Physical Education Graduation Requirement Waiver</b>	<b>7</b>
<b>Credits For Graduation</b>	<b>9</b>
<b>College Preparatory Course Of Study</b>	<b>11</b>
<b>Levels In Academic Classes</b>	<b>11</b>
<b>Grade Point Average</b>	<b>12</b>
<b>High School Credits For Courses Taken Prior To 9th Grade</b>	<b>15</b>
<b>Schedule Changes</b>	<b>16</b>
<b>Cheating Or Plagiarizing</b>	<b>16</b>
<b>Failure To Complete Course Requests</b>	<b>16</b>
<b>Repeating A Failed Subject</b>	<b>17</b>
<b>Repeatable Courses</b>	<b>17</b>
<b>Credit Recovery</b>	<b>17</b>
<b>Athletic Eligibility</b>	<b>17</b>
<b>Course Fees</b>	<b>18</b>
<b>Auditing A Course</b>	<b>18</b>
<b>College Admissions</b>	<b>18</b>
<b>Class Size And Course Availability</b>	<b>19</b>
<b>Student Pathways</b>	<b>19</b>
<b>4 Year Course Planning Chart</b>	<b>23</b>
<b>Business</b>	<b>24</b>
<b>College And Career Readiness</b>	<b>30</b>
<b>Computer Science</b>	<b>32</b>
<b>English Language Arts</b>	<b>36</b>
<b>Family And Consumer Sciences</b>	<b>45</b>
<b>Mathematics</b>	<b>49</b>
<b>Performing Arts</b>	<b>57</b>
<b>Physical Education/Health</b>	<b>65</b>
<b>Science</b>	<b>70</b>
<b>Social Studies</b>	<b>83</b>
<b>Teaching Professions</b>	<b>91</b>
<b>Visual Arts</b>	<b>96</b>
<b>World Language</b>	<b>107</b>
<b>Forest Hills School District 2024-2025 Course Listing</b>	<b>115</b>

***NOTE: This course guide undergoes an annual review and approval process by the Board of Education. While all course offerings are anticipated to be available for students, course offerings are also all subject to Board approval.***

### **ABBREVIATIONS USED IN COURSE LISTING**

AP	Advanced Placement
CP	College Preparatory Class
GPA	Grade Point Average
H	Honors Class
TR	Teacher Recommendation
N	Non-Leveled Class
CCP	College Credit Plus

### **PLANNING YOUR PROGRAM OF STUDY**

The courses listed in this Course Guide will help prepare students for the future. Students should read this guide carefully and develop a high school program that will help them reach their occupational, educational and personal goals. Note: All new courses are pending Board approval. When scheduling classes for next year, students should complete the following steps:

- Review all graduation requirements
- Keep immediate and long-range goals in mind
- Select courses that fit your college and career goals

### **STUDENT RESPONSIBILITIES**

It is the student's responsibility to be familiar with the scheduling policies and procedures contained in this Course Guide.

### **GRADUATION REQUIREMENTS**

The following are the graduation requirements as determined by the State of Ohio:

1. **Course Completion** - Students will satisfy curriculum requirements outlined in the "Credits for Graduation" section of this course guide.
2. **Demonstrate Competency** - Students must earn a 684 or higher on the English II and Algebra I End-of-Course tests as determined by the Ohio Department of Education and Workforce.

Students not earning passing scores on the first attempt must be offered appropriate remediation and support and retake the test at least once. In lieu of attaining passing scores on the state tests, students can utilize alternative ways to demonstrate competency.

The four alternative ways to demonstrate competency are as follows:

A. **College Credit Plus** - Earn college credit in a non-remedial math or English course (for the subject area not passed).

B. **Career Experience and Technical Skill** - Complete two demonstrations to show competency, at least one of which must be foundational.

- Foundational:

- Earn a score of proficient or higher on three or more WebXams in a single career pathway;
- Earn an approved industry-recognized 12-point credential;
- Complete a pre-apprenticeship in the student's chosen career field or show evidence of acceptance into an apprenticeship program (for students 18 and older) after high school.

- Supporting:

- Complete a 250-hour work-based learning experience with evidence of positive evaluations;
- Earn the workforce readiness score on WorkKeys;
- Earn the OhioMeansJobs Readiness Seal.

C. **Military Readiness** - Competency can be achieved by meeting the requirements to enlist in the military, as demonstrated by a contract with the military to enlist upon graduation.

D. **ACT/SAT Remediation-Free Score** - Competency can be achieved by students obtaining a remediation-free score in the math and English subject areas on the ACT or SAT. Please note that these scores are subject to change by the Ohio Department of Education and Workforce by February 1st each year. For more information, please see [information provided by the Ohio Department of Education and Workforce here](#).

- Remediation-Free Scores for ELA

- ACT: English subscore of 18 (or higher)
- SAT: Evidence-Based Reading and Writing (EBRW) score of 480 (or higher)

- Remediation-Free Scores for Math

- ACT: Mathematics subscore of 22 (or higher)
- SAT: Mathematics scores of 530 (or higher)

3. **Demonstrate Readiness** - Students will demonstrate readiness for their post-high school paths by earning two seals, one of which must be state defined. [Graduation Pathway Description Link](#)

- *State Defined Seals include:* Ohio Means Jobs Readiness, Seal of Bi-Literacy, Industry-Recognized Credential, College-Ready, Military Enlistment, Citizenship, Science, Honors Diploma Seal (earn one of five Honors Diplomas), Technology
- *Locally Defined Diploma Seals include:* Community service project, Fine and Performing Arts, Certified Student Engagement
- NOTE: The Graduation Pathway Description link above only lists the state minimum of 20 credits required to graduate. However, Forest Hills School District requires students to complete 22 credits to graduate (please see details below).

### **DIPLOMA WITH HONORS**

High school students may gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the classes of 2023 and beyond. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5 or 6 (listed below) with a "Student Strength Demonstration."

1. Math: 4th Math must be higher than Algebra 2
2. Science: 1 additional unit of Advanced Science (e.g. courses rigorous and beyond physical science and biology)
3. Social Studies: 1 additional unit of Social Studies
4. World Language: 3 sequential units of 1 world language, or no less than 2 sequential units of 2 world languages
5. GPA: At least 3.5 on a 4.0 scale
6. ACT/SAT: ACT of at least 27 OR SAT of 1280 or higher
7. Seal: Earn 2 additional diploma seals
8. Experiential Learning: Field Experience, OhioMeansJob Seal, Portfolio, or Work-Based Learning

Click [HERE](#) for more information from the State of Ohio's Department of Education and Workforce website for the Honors Diplomas.

## **COMMENCEMENT**

Students must meet all graduation requirements established by the Forest Hills Board of Education and the state of Ohio in order to participate in Commencement. Students who do not meet these requirements, regardless of the reason, **will not** be permitted to participate in the Commencement program held at the end of the school year.

School personnel work throughout the school year with students who might not graduate on time because of credit deficiencies. Parents or guardians are also contacted at regular intervals if the chance exists that their child will not graduate on time. **However, it remains the primary responsibility of the student to make sure all graduation requirements are met and to notify his/her parents or guardians if an academic problem exists which may impede commencement participation.**

## **EARLY GRADUATION**

Students who are interested in graduating in fewer than the typical four years of regular school attendance shall file a written request with the principal. If a student desires to graduate at the end of the first semester of their senior year, the principal should receive a written request before the end of the second semester of the student's junior year. Students who wish to graduate in three years should make a written request no later than the end of their sophomore year. The principal reserves the right to waive these deadlines if circumstances warrant.

A student who graduates early will receive his/her diploma after commencement. A copy of the complete board policy about graduation and commencement is available on the Forest Hills School District webpage under Board Docs or click [HERE](#).

## **PHYSICAL EDUCATION GRADUATION REQUIREMENT WAIVER**

(Based upon [Section 3313.603 of the Ohio Revised Code, Letter L](#))

Students who successfully complete (as determined by the Athletic Director or Marching Band Director) two full seasons of interscholastic athletics or marching band may be excused from the high school physical education graduation requirement. The "two full seasons" requirement may be, but is not required to be, completed within a single school year.

According to Ohio Revised Code, boards of education may NOT provide for partial completion of the high school physical education requirement; therefore, the one-half unit requirement cannot be partially exempted.

***For example, it is not possible to combine one semester of a physical education course with successful completion of one athletic, marching band, or cheerleading season to meet the physical education graduation requirement.***

**Impact on Overall Graduation Requirements** - PE waiver is not earned credit; 22 credit minimum still applies. PE waivers are available in the counseling office.

**Successful Completion of a Season** - Successful completion of a season, in the case of interscholastic athletics, means that a student is both a member of the team or group and is eligible for end of season awards/recognition.

Formal starting dates for interscholastic athletics are determined by the OHSA. Starting dates for marching band and cheerleading will be determined by the respective advisors; the starting date may be inclusive of mandatory camps.

**Recognized Activities**

In addition to marching band, interscholastic athletic teams currently recognized by the Ohio High School Athletic Association in Forest Hills Schools include:

Baseball	Basketball	Bowling	Cheerleading	Cross Country
Dance	Diving	Football	Golf	Gymnastics
Lacrosse	Softball	Soccer	Swimming	Track
Volleyball	Wrestling	Tennis		

Students wishing to apply for the physical education waiver should access this through the counseling office.



## **CREDITS FOR GRADUATION**

The following chart displays the required earned credits for graduation from a Forest Hills high school, per Forest Hills Board of Education policy 5460.

<b>Subject</b>	<b>Credits</b>
<b>English Language Arts</b> *Must be in English I, II, III, and IV	4.0
<b>Mathematics</b> *Must include Algebra II (or an equivalent course, i.e. Statistics and Probability) *Computer Science courses <b>may</b> be used as a 4th math class. Consult your counselor.	4.0
<b>Science</b> *Inquiry-based with lab experience *Must include one (1) unit of Physical Science or Chemistry <b>AND</b> one (1) unit of Biological Science <b>and</b> one (1) unit of a Science Elective *Computer Science courses <b>may</b> be used as an advanced science class. Consult your counselor.	3.0
<b>Social Studies</b> *1 unit of Modern World History, Honors Modern World History <b>or</b> AP Human Geography *1 unit of U.S. History <b>or</b> AP U.S. History *0.5 unit of American Government <b>or</b> 1 unit of AP U.S. Government and Politics *0.5 or 1.0 unit of Social Studies Elective	3.5
<b>Health</b>	0.5
<b>Physical Education</b> *Must include 0.25 unit of Fundamentals of Physical Education (see PE Waiver information)	0.5
<b>Financial Literacy</b> <i>*Financial Literacy credit must be completed by taking Financial Literacy or AP Macroeconomics.</i>	0.5
<b>Base Required Electives</b> *Students are required to complete 4.0 elective credits in the following subject areas: World Language, Fine Arts, Business, Family/Consumer Science, Technology (Computer Science), English, Math, Science, or Social Studies	4.0
<b>Additional Required Credits</b> *Students are required to complete an additional 2.0 credits in any subject area.	2.0
<b>TOTAL</b>	<b>22.0</b>

\*Students who complete a career-technical pathway (e.g. attending a Great Oaks campus) are exempt from the fine arts requirement and an extra 0.5 of Social Studies credit.



# Policies and Procedures

## **GRADE LEVEL PLACEMENT**

For the 2026-2027 school year, the following chart can be used to determine grade level

Grade Level	Graduating Year
Grade 9	2030
Grade 10	2029
Grade 11	2028
Grade 12	2027

## **COLLEGE PREPARATORY COURSE OF STUDY**

Students who plan on attending a four-year college or university are recommended to complete at a minimum: one advanced math course, two consecutive years of World Language, one elective in the Fine Arts, and at least one Advanced Placement (AP) or College Credit Plus (CCP) course during high school.

## **LEVELS IN ACADEMIC CLASSES**

A number of academic classes are leveled in the Forest Hills School District. We strive to place students with similar achievement, interest and ability in the same class. Students and parents who disagree with the recommended course may request a waiver.

**Advanced Placement (AP):** Advanced level courses are taught on the college level. Students in AP classes will be expected to take the Advanced Placement Examination in May.

**College Credit Plus (CCP):** College Credit Plus courses are taught on the college level. Students have the opportunity to earn college credit for their work in these courses.

**Honors (H):** Honors courses are taught at an accelerated rate.

**College Preparatory (CP):** College preparatory level courses are designed for the student wishing to attend college, enter the workforce or enter the military.

## **GRADE POINT AVERAGE**

Forest Hills utilizes a 4.0 grade point average (GPA) calculation. Semester grades in all courses earning letter grades are used to determine a student's cumulative GPA. Weighted GPA is calculated with an additional 1.0 for AP/CCP courses (for a potential 5.0) and an additional 0.5 for Honors/Pre-AP courses (for a potential 4.5). Cumulative GPA is factored at the end of each semester. Please refer to the tables below for specific calculations. Quarter GPA is not weighted and is used only to determine athletic eligibility, honor roll and Anderson Achievers (AHS only).

Unweighted GPA			Weighted GPA			
Grademarks			Grademarks		Honors	AP/CCP
A+	97-100%	4.0	A+	97-100%	4.5	5.0
A	93-96%	4.0	A	93-96%	4.5	5.0
A-	90-92%	3.7	A-	90-92%	4.2	4.7
B+	87-89%	3.3	B+	87-89%	3.8	4.3
B	83-86%	3.0	B	83-86%	3.5	4.0
B-	80-82%	2.7	B-	80-82%	3.2	3.7
C+	77-79%	2.3	C+	77-79%	2.8	3.3
C	73-76%	2.0	C	73-76%	2.5	3.0
C-	70-72%	1.7	C-	70-72%	2.2	2.7
D+	67-69%	1.3	D+	67-69%	1.3	1.3
D	65-66%	1.0	D	65-66%	1.0	1.0
F	0-64%	0.0	F	0-64%	0.0	0.0

The grades of students who are new to the Forest Hills School District will be converted to this system. Individual circumstances may vary. See the school counselor or an administrator with questions.

**\*\*Starting with the 2026-2027 school year, ALL CCP courses will be weighted on a 5.0 gpa scale (same as AP). Prior to 2026-2027, CCP gpa weight was equivalent to the highest gpa weight in a specific subject area.\*\*** [ORC 3333-1-65.2](#)

## **HONOR ROLL**

Students are recognized for the Quarterly Honor Roll based on the following unweighted grade point averages:

**3.50 - 3.74**

**3.75 - 3.99**

**4.00**

## **EDUCATIONAL OPTIONS:**

Students may earn credits through Advanced Placement, College Credit Plus, and Credit Flexibility as defined below:

### **A. ADVANCED PLACEMENT (AP)**

Advanced Placement (AP) courses are college-level courses offered to high school students. These courses, which are offered through the College Board, give students the opportunity to earn college credit and/or qualify for more advanced courses when they begin college. To earn college credit for an AP class, students must take and pass the corresponding Advanced Placement test. These tests are scored on a range of 1-5, with 5 being the highest possible score. A score of 3 is considered passing.

[AP Credit Policies at Colleges and Universities](#) **Note: Students interested in taking more than four AP courses in a single semester should meet with a counselor and administrator to ensure a rigorous schedule with more than four AP courses is in the best interest of the student.**

### **B. COLLEGE CREDIT PLUS (CCP)**

College Credit Plus (CCP) is the name for Ohio's dual enrollment program which allows students to take available courses for transcript credit for both high school and college. There is no financial obligation for the student to participate in CCP when the student is enrolled in a public college or university and successfully completes the course.

Each year, students must meet with a counselor and/or attend an informational meeting, complete an Intent to Participate form, and submit this form to the school counselor no later than the date assigned. **The form must be completed by students with any interest in the CCP courses.** Interested students and parents should contact a school counselor for additional information.

### **Important Notes:**

- **Students cannot take more than the equivalent to 30 college credit (semester) hours in a given school year. For calculation purposes, a full year of a high school course is considered 3 college credit hours.**
- **Including CCP courses taken in middle school, a student may not exceed 120 college credit (semester) hours throughout the middle school and high school career.**

- **If a student exceeds the 30 or 120 college credit (semester) hours, that student will be responsible for the cost of any additional courses above the minimum allowed.**

### **C. CREDIT FLEXIBILITY**

Students may also earn credit by pursuing the educational options in accordance with the Forest Hills School District Credit Flexibility Program. Please see your counselor for more information.

### **D. GREAT OAKS CAREER AND TECHNICAL SCHOOLS**

Junior and Senior students residing in participating school districts may attend any Great Oaks campus and earn certification in a career field. Students attending Great Oaks receive a high school diploma from their home school when they complete their graduation requirements. They may also participate in their high school's commencement exercises. Students attending Great Oaks may participate in home school extra-curricular activities if scheduling and transportation can be arranged. Attendance at Great Oaks is free for high school students. Information on each of the Great Oaks career programs can be found in the Career Pathway sections on page 22. Additional information about Great Oaks can be found at these links:

[Great Oaks High School Career Programs](#)

**NOTE: Students interested in pursuing a Career and Technical Pathway should inform their counselors as soon as possible.**

### **E. XCL (Experiential Career Learning)**

Community Partnerships are internship, shadowing, and workshop opportunities offered through collaborations between the Forest Hills School District and community businesses and organizations.

Students are encouraged to explore opportunities by visiting the "Community Partnership" folder on their class All Student page (Turpin), or the Anderson In The Know schoology page (Anderson). There, students can discover dozens of opportunities to engage in a Community Partnership that aligns with their interests. Students interested in a Community Partnership can contact their counselor or the district's Community Partnership Specialist.

### **HIGH SCHOOL CREDITS FOR COURSES TAKEN PRIOR TO 9TH GRADE**

All students who successfully complete a World Language course, Algebra I or Geometry before 9th grade will receive one graded unit of high school credit in each course. The grade and the unit of credit will be included on the high school transcript, and will be averaged into the grade point average.

Transfer students must provide verification that these courses were taken for transcribed high school credit and credit was given prior to 9th grade at the original school.

## **SCHEDULE CHANGES**

Selecting classes for the next school year is an important decision. Because schedule changes can have a significant effect on class size, availability of staff and the number of textbooks, students should plan carefully, realizing course requests will not be changed after the deadline.

After May 1, the teacher, counselor, parent and administrator will discuss and determine whether the student has been placed in the wrong course.

**Schedule changes will NOT be made based on preference for a teacher.**

Below are examples of reasons a schedule may be altered:

- The school has made a scheduling error.
- A class needed to meet graduation requirements is not scheduled.
- A prerequisite has not been completed successfully.
- Student previously failed a subject with the same teacher (if space allows the change).
- Student wants to replace a study hall with an academic class (class must be added before the 10th day of the semester).

**Note: After ten days following the start of the course, all classes approved by the principal to be dropped will receive a WF (withdraw/failing) grade on the student's transcript. Should a student or parent wish to drop a course or change levels, that student/parent should reach out to the counselor for more information.**

## **CHEATING OR PLAGIARIZING**

Because student learning is the primary objective of the Forest Hills School District, the faculty and district administration regard academic dishonesty, cheating or plagiarism (this includes improper use of Artificial Intelligence tools, such as ChatGPT) as serious breaches of ethical academic behavior. For more information regarding school rules and policies, consult the student handbook or contact the administrative offices at either high school.

## **FAILURE TO COMPLETE COURSE REQUESTS**

Courses for students who fail to enter their course requests online will be scheduled by the student's counselor. These selections are considered final unless the student requests a change prior to May 1.

## **REPEATING A FAILED SUBJECT**

When a student repeats a subject previously failed, the grade earned upon repeating the class will become a part of the student's record as well as the original "F". Both grades will become part of the student's GPA.

## **REPEATABLE COURSES**

Certain courses are permitted to be repeatable for credit. Typically, these are courses for which:

- The content of the course will change by year/semester (e.g. Concert Band).
- There are no comparable higher levels offered in the same track (e.g. Digital Imaging I is not repeatable, since there is a Digital Imaging II).

**Note: Some courses may be repeatable, though repeating the course may not count towards minimum State of Ohio graduation requirements (e.g. Strength and Conditioning).**

## **CREDIT RECOVERY**

Students who fail a course required for graduation will have several options for make-up credit including, but not limited to, the following:

- Enroll in the Forest Hills School District summer school program.
- Retake the course during the regular school year.
- Retake the course through Forest Hills School District provided Apex Online classes.

## **IMPORTANT NOTES/CONSIDERATIONS:**

- Expenses for summer school will be the responsibility of the student.
- Online courses will require students to demonstrate mastery of the essential learning necessary for each course. In addition to earning a passing grade in the course, demonstrating mastery may also include extended writing assignments, exams, presentations, and/or other evidence of learning.

## **ATHLETIC ELIGIBILITY**

For athletic eligibility, students and families should refer to Forest Hills School District Administrative Guideline 2341 ([linked here](#)). That guideline includes the following information:



In order to be eligible to participate in athletics in grades 9-12, students must fulfill the following requirements:

- Have been enrolled in a high school or middle school during the immediately preceding grading period.
- During the preceding grading period, have earned passing grades in a minimum of five 1.0 credit courses or the equivalent which count toward graduation. Physical education is only a 0.25 credit course, so it does not count enough towards the 5 credit requirement.

**Note: The eligibility of a student continues until the start of the 5th school day of the next grading period, at which time the grades from the immediately preceding grading period become effective. The ineligibility of a student continues until 24 hours after the official grade posting date of the Forest Hills School District.**

### **FALL SPORTS ELIGIBILITY:**

Eligibility to participate in fall sports is determined by grades earned in the 4th quarter grading period of the preceding school year. Students enrolled in grade 9 during the first grading period (after advancement from 8th grade) must have passed a minimum of four (4) classes carried from the preceding grading period.

### **COURSE FEES**

Many courses have course fees associated with them, as noted in the course descriptions. For specific course fees, please see the Forest Hills website (under “Resources,” then “9-12,” then “Fees,” [linked here](#)). Students enrolled in Advanced Placement courses will have the College Board exam fee added to their fee totals. An opt out procedure will be communicated in the fall, subject to timelines required by the College Board. Parents and guardians will be notified when fees are due.

### **AUDITING A COURSE**

Students who have previously passed a course may audit the course again (*take the course again*) for remediation. An audited course cannot be taken for additional credit. Both grades will appear on a student’s transcript, but only the student’s original grade will be included in the student’s GPA, and if the following conditions are met:

1. The student has the permission of the parents/guardians, teacher and counselor.
2. Class size permits the enrollment.
3. The student completes all assignments and behaves well.

### **COLLEGE ADMISSIONS**

Because colleges vary widely in their entrance requirements, students should refer to college catalogs, websites and their counselor for additional information. Students should

do this early in their high school career, especially if interested in a selective or private college. Families are advised to be aware of any requirements for athletic eligibility at the collegiate level, from either a student's college/university or appropriate collegiate sports association (NAIA or NCAA).

### **CLASS SIZE AND COURSE AVAILABILITY**

Class size and staff availability have an impact on whether a course will be offered. School counselors and administration will make every effort to apprise students of any expected limitations on course availability. Classes in which enrollment is expected to be small may not be offered or may be offered at only one of the two high schools. Be sure to contact your school counselor with any questions regarding your course requests for the 2026-2027 school year.

### **STUDENT PATHWAYS**

#### **CAREER PATHWAYS:**

The Forest Hills School District is committed to assisting students in developing a high school experience that matches their individual interests, skills and knowledge, while preparing them for the next steps on their journey to future-readiness. Students engage in a comprehensive curriculum through opportunities in SchoolLinks, a K-12 career planning platform. High school students also have access to career opportunities through FHSD Community Partnerships, partnerships with Great Oaks programming offered at AHS and THS (Business Management, Marketing, and Teacher Academy), attendance at Great Oaks Career and Technical campuses, and student-created opportunities through FHSD Credit Flex.

Career pathways help students to personalize their educational plan and reach goals that extend beyond high school. A career path indicates a broad spectrum of careers that have similar characteristics and requirements for employment. The U.S. Department of Education has identified 16 career clusters designed to help students focus on career aspirations. The district's career pathways take those 16 and combine them into four broad and flexible paths for academic instruction and student exploration. These are:



Health and Social Services



STEM (Science, Technology, Engineering and Math)



Arts, Humanities and Communication



Business, Finance and Law

### **GOALS OF CAREER PATHWAYS:**

The Ohio Department of Education and Workforce provides details for a Career Pathway.

Overall, the goals of the Career Pathway are:

To assist each student in determining high school courses based on interest and ability.

To provide a variety of course offerings that will prepare students for education/training beyond high school to meet individual career goals.

To produce students who excel in the following seven areas established as part of the district's vision for student learning:

- Critical Thinking and Problem-Solving

- Collaboration and Leadership

- Agility and Adaptability

- Initiative and Entrepreneurialism

- Reading, Oral and Written Communication

  - Accessing and Analyzing Information

  - Curiosity and Imagination

**Career Pathways are not intended to lock students into a career or a prescribed set of high school courses.** However, they can serve as a guide when students are selecting courses working with counselors to develop a post-high school plan. Students should begin reviewing these pathways during their 8th grade year when selecting their 9th grade courses and should continue to use this guide as a resource when making scheduling choices during their high school career.

### **DESCRIPTION OF PATHWAYS:**

These descriptions offer students an opportunity to reflect on possible career pathways of interest. Students may have career interests that extend beyond the descriptions provided. The information below is not intended to be a thorough representation of career options but a general overview and exposure to generalized career areas.



## HEALTH AND SOCIAL SERVICES

The Health and Social Services pathway includes a large and diverse group of careers that promote education, health, diagnosis, treatment and wellness. Careers in this pathway have the potential to improve and save lives.

**Sample Careers Include:** Education, counseling, mental health services, consumer services, personal care services, therapeutic services, diagnostic services, disease treatment services, public safety and protective services, fire protection services, health informatics and biotechnology research and development.

### Great Oaks Programs

- Health Sciences:
  - Dental Assisting (*Laurel, Scarlet*)
  - Exercise Science & Sports Medicine (*Diamond, Laurel, Live, Scarlet*)
  - Health Technology (*Diamond, Laurel, Live, Scarlet*)
  - Health Academy
  - Surgical Technology (*Diamond, Scarlet*)
- Human Services & Education:
  - Cosmetology (*Diamond, Laurel, Live, Scarlet*)
  - Culinary (*Diamond, Live, Scarlet*)
  - Early Childhood Education (*Laurel, Live, Scarlet*)
  - Teacher Professions (AHS, THS)



## SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM)

Careers in STEM are exciting, challenging and ever-changing. STEM careers may involve designing, inventing, or building a wide variety of commodities. Learners who pursue one of these career fields may be involved in planning, managing and providing scientific research or professional and technical services including laboratory, research and development services.

**Sample Careers Include:** Scientific research and development, fuel cell technology and robotics, agricultural services, food processing, horticulture, natural resource management, environmental services production planning and control, electrical engineering, maintenance engineering, manufacturing engineering, industrial engineering, transportation services, process engineering, information support services, communication network

services, programming and software development/applications and interactive multimedia development.

### Great Oaks Programs

- Engineering, Manufacturing & Technology:
  - Engineering Technologies & Robotics (*Scarlet*)
  - Manufacturing Engineering Technology (*Diamond, Live*)
  - Welding (*Diamond, Laurel, Live, Scarlet*)
- Natural Resources & Agriculture:
  - Animal Science & Management (*Laurel, Live*)
  - Parks and Recreational Management (*Live*)
  - Equine Science & Management (*Diamond, Laurel*)
  - Veterinary Assisting (*Diamond, Live, Scarlet*)
- Skilled Trades:
  - Commercial & Residential Electricity (*Diamond, Scarlet*)
  - Construction Technologies (*Laurel*)
  - Heating, Ventilating & Air Conditioning (*Diamond, Laurel, Live*)
  - Heavy Equipment Operations (*Laurel, Live*)
- Transportation Logistics:
  - Automotive Refinishing & Collision Repair (*Diamond, Laurel, Live, Scarlet*)
  - Automotive Service Technician (*Diamond, Laurel, Live, Scarlet*)
  - Industrial Diesel Mechanics (*Laurel, Scarlet*)



### ARTS, HUMANITIES AND COMMUNICATION

Careers in Arts, Humanities and Communications tap into creative and expressive talents. This career pathway requires the ability to communicate effectively in both oral and written form and strong reading skills. In many ways, this pathway is about storytelling in various forms, capturing the human experience and reflecting it back to various audiences, helping others reflect upon the world around them and inspiring others to make a difference.

**Sample Careers Include:** Performing arts, visual arts, theatre arts, literary arts, media arts, education, journalism, television and radio broadcasting.

### Great Oaks Programs

- Arts, Communications & Info Systems:
  - IT Academy (*Laurel, Live*)
  - Digital Arts & Design (*Diamond, Laurel, Live, Scarlet*)



## **BUSINESS, FINANCE AND LAW**

The Business, Finance and Law pathway includes careers in planning, organizing, directing and evaluating functions essential to efficient and productive organizational operations, helping people and companies reach goals and achieve dreams. Learners with an interest in the Business, Finance and Law pathway should develop a variety of skills including but not limited to strong interpersonal, presentational and leadership skills.

**Sample Careers Include:** Business management, administrative support, human resources, business administration, hospitality and tourism, marketing, information management, product/service management, financial advising, financial and investment planning, accounting, banking, insurance, real estate, financial planning, sales, public administration, public safety and protective services, homeland security, public planning, emergency management planning, fire protection, foreign services and criminal justice system services.

### **Great Oaks Programs**

- Law & Public Safety:
  - Firefighting/Emergency Medical Service (*Scarlet*)
  - Law Enforcement (*Laurel, Scarlet*)
- Business:
  - Marketing Management & Research (AHS)

## 4 YEAR COURSE PLANNING CHART

### 4 year Course Planning Chart

When planning, make sure you plan for 6, 6.5, or 7 courses per year.

	9th Grade		10th Grade		11th Grade		12th Grade		# of Credits
	Semester	Semester	Semester	Semester	Semester	Semester	Semester	Semester	
English (4 credits required)	English I		English II or AP Seminar		English III, AP English, or CCP		English IV, AP English, or CCP		_____
<u>Math</u> (4 credits required)	<u>depends on previous year</u>								_____
<u>Science</u> (3 credits required)	Biology		Physical Science or Chemistry						_____
Social Studies (3.5 credits required)	Modern World History or AP Human Geography		US History		Gov't or AP Gov't (AP is 1.0 credits)				_____
Health & Electives	Health								_____
Electives									_____
Electives									_____

Other required  
courses to add:

any Visual or  
Performing Art  
(anytime in 7-12 grade)

Financial  
Literacy

Fund-  
amentals of  
Phys. Ed.  
(0.25 credit)

Phys. Ed.  
Elective  
(0.25 credit)

or PE waiver

Total Credits (22 required): \_\_\_\_\_

Courses that Colleges & Universities like to see:

- At least 2 years of World Language (3 for selective colleges)
- Visual or Performing Arts taken during high school
- Chemistry and Physics





# Business



# BUSINESS

Code	Course	Grade	Sem	Credit	Career Pathways
6013	Financial Literacy	10-12	1	0.5	
6013D	Financial Literacy (online)	10-12	1	0.5	
6113	Introduction to Business	9-12	1	0.5	
6213	Entrepreneurship	10-12	1	0.5	
6410	Business Management I	11-12	2	1	
6420	Business Management II	12	2	2	
6710	Marketing I-Marketing, Management and Research	11-12	2	1	
6713	Marketing Principles	9-12	1	0.5	
6720	Marketing II-Marketing, Management and Entrepreneurship	12	2	2	

## FINANCIAL LITERACY

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Description:

This semester-long course is designed to help students discover new ways to maximize their earning potential, develop strategies for managing their resources, explore skills for the wise use of credit, and gain insight into the different ways of investing money. Students will explore topics such as financial responsibility, decision making, money management, risk management, and being an informed consumer.

**This course fulfills the financial literacy graduation requirement for all graduating classes.**

**Fee: This course requires a student fee.**

## FINANCIAL LITERACY (ONLINE)

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

**This is a fully online course.** Students will have regular opportunities to meet with the teacher for assistance and progress checks. Regular due dates for work completion will be set by the teacher that coincide with the regular grading periods. Students in this online course will experience the same content as the face-to-face course but with the added flexibility of individualized learning. This semester-long course is designed to help students discover new ways to maximize their earning potential, develop strategies for managing their resources, explore skills for the wise use of credit, and gain insight into the different ways of investing money.

**This course fulfills the financial literacy graduation requirement for all graduating classes.**

**Fee:** This course requires a student fee.

## INTRODUCTION TO BUSINESS

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

Introduction to Business is a one semester course that introduces students to the career fields of Business & Administrative Services, Finance and Marketing. Students will learn skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to apply and share business information. Employability skills, leadership, communications and personal financial literacy will be addressed.

## ENTREPRENEURSHIP

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

Entrepreneurship is a class designed to allow students to explore the exciting world of starting and owning a business. Students will discover real world business fundamentals covering economics, marketing, management, ownership and distribution. The pitfalls and rewards of being an entrepreneur will also be explored.

## **BUSINESS MANAGEMENT I**

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

### **Description:**

Business skill development will include communication skills, basic understanding of the accounting cycle and basic economics. Topics in Business Management practices will be introduced. Students will explore process and project management and its importance in managing resources, quality and information, 21st Century soft skills, ethics and accounting. Students will participate in the Future Business Leaders of America organization. Students will close the year with a career seminar to prepare for the internship portion of Business Management II in their senior year.

**Fee: This course requires a student fee.**

## **BUSINESS MANAGEMENT II**

**Grade Level:** 12

**Course Credit:** 2 credits, two semesters

**Prerequisite:** Two semesters of business courses and teacher recommendation

### **Description:**

Business skill development will continue in the senior year for students who completed basic economics topics in Business Management I as juniors. Topics covered in the Business Management I class will be continued at a more advanced level. Students will be exposed to management functions and decision making, technology and information management, financial analysis of a business, financial services, credit and human resources management. Students will also be working in internship positions 8-10 hours per week to reinforce the skills and knowledge they have acquired in the classroom. Students will work in a variety of business fields such as finance, management, information management, planning, promotion, pricing and purchasing. Students will participate in the Future Business Leaders of America organization.

The student has the option of early dismissal if all graduation requirements are met. Students in this course will also be prepared to take the College Board CLEP exam for college credit in Business Management.

**Fee: This course requires a student fee**

### **Additional Information: Marketing Management and Research Program**

The Marketing Management and Research Program is designed to provide a solid foundation of business, finance and marketing knowledge for those students interested in majoring in college or pursuing a career in these fields. It will begin with Introduction to Business and Marketing Principles semester courses in either the student's freshman or sophomore years. Marketing I will build on knowledge learned in these courses and provide greater focus developing marketing skills. Marketing II will provide students the opportunity to apply previous knowledge learned and further fine skills through various independent and team project management activities within the school and around the community. This course includes a Marketing Internship which offers students the opportunity to extend classroom learning through a variety of business and marketing-related internships.

DECA is a valuable component to the Marketing Management and Research Program. Students in this program will reinforce classroom skills through participation in business and marketing competitions, conferences, leadership challenges and opportunities. Students who are actively involved in DECA become eligible for many scholarships through participation and internship-related opportunities.

This semester-long course is designed to help students discover new ways to maximize their earning potential, develop strategies for managing their resources, explore skills for the wise use of credit, and gain insight into the different ways of investing money. Students will explore topics such as financial responsibility, decision making, money management, risk management, and being an informed consumer.

#### **MARKETING PRINCIPLES**

**Grade Level:** 9-12

**Course Credit:** 0.5 credit, one semester

#### **Description:**

The second course in Marketing Management & Research series, this one semester course 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 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. Students are eligible to participate in DECA, a student organization that provides self-growth and leadership opportunities through competitive events, leadership development and conferences at the local, state and national levels.

**\*This course will be held at Anderson High School.**

## **MARKETING I - MARKETING, MANAGEMENT AND RESEARCH**

**Grade Level:** 11,12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Students must apply and interview with teacher prior to admission

### **Description:**

Marketing I is designed to develop skills in the area of promotional strategy, advertising, sales promotion and publicity/public relations. Applying project management techniques, students will guide and control promotional campaign development and execution. Students will also learn motivation theories, branding techniques and design principles in communications with targeted audiences to influence. Students will create, execute and evaluate promotional strategies and content for advertising, sales promotion and publicity/public relations. Technology, employability skills, leadership and communications will be incorporated in classroom activities. All students will participate in DECA, a student organization, which provides self-growth and leadership opportunities through competitive events, leadership development and conferences at the local, state and national levels.

This course will be held at Anderson High School. Turpin High School students have the opportunity to take this course at AHS.

**Fee: This course requires a student fee.**

## **MARKETING II - MARKETING, MANAGEMENT AND ENTREPRENEURSHIP**

**Grade Level:** 12

**Course Credit:** 2 credits, two semesters

**Prerequisite:** Successful completion of Marketing I and teacher recommendation

### **Description:**

A continuation of Marketing I, students will apply management and motivation theories to plan, organize and direct staff utilizing project-based learning. They will learn to manage a workforce, lead change and build relationships with employees and customers. Students will use technology to analyze the internal and external business environment, determine trends impacting business and examine risks threatening organizational success. Ethical challenges, project management and strategic planning will also be addressed. All students will participate in DECA, a student organization, which provides self-growth and leadership opportunities through competitive events, leadership development and conferences at the local, state and national levels.


**\*This course will be held at Anderson High School.**

**Fee: This course requires a student fee.**



# College & Career Readiness

# COLLEGE AND CAREER READINESS

Code	Course	Grade	Sem.	Credit	Career Pathways
6523	College and Career Readiness	10-12	1	0.5	

## COLLEGE AND CAREER READINESS

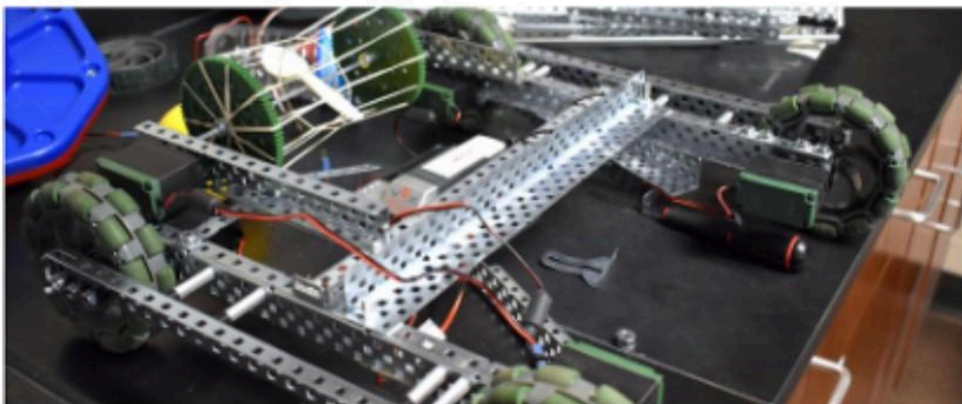
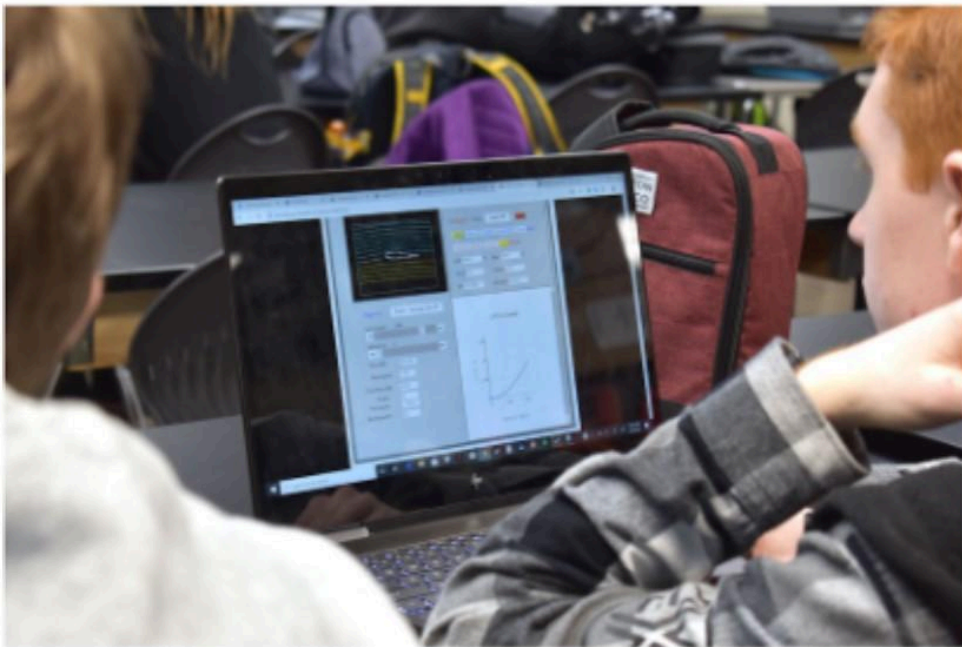
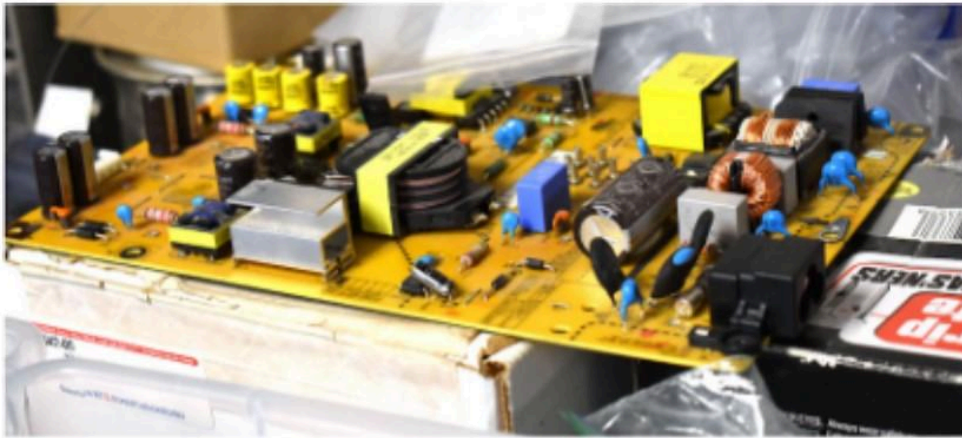
**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Description:

This course will equip students with the necessary information and skills to successfully prepare for the ACT, PSAT and SAT. Additionally, students will explore college and career options, learn interview techniques and financial planning. Students will explore their personal academic, career and life goals, and chart a path to successfully reach them.




















# Computer Science



# COMPUTER SCIENCE

Code	Course	Grade	Sem	Credit	Career Pathways
8513	Applied Computer Skills	9-12	1	0.5	   
8523	Programming	9-12	1	0.5	   
8540	AP Computer Science Principles**	10-12	2	1.0	   
8640	AP Computer Science A**	11-12	2	1.0	 
8740	Advanced Studies in Computer Science*	12	2	1.0	

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

**NOTE: AP Computer Science A and AP Computer Science Principles do qualify as an option for the 4th math credit, beyond Algebra 2**

## APPLIED COMPUTER SKILLS

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Description:

This course is designed for the student who wants more expertise in using application software for both academic and future-ready pursuits. Students will master a variety of important applications and create personal projects in a collection of current software programs including business software (spreadsheets, forms and presentations), web design coding (CCS, Java scripts and HTML5) and digital multimedia (pictures, music and movies). This is the kind of software most likely needed in college, the business world and social media.

## PROGRAMMING

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

**Prerequisite:** Algebra I (CP or H)

### Description:

This semester-long course is an introduction to computer programming (“coding”) and is open to all students who have completed Algebra 1. It covers the fundamental ideas of

programming including screen design, user interfaces, decision branching, repetition, subroutines and establishing good overall coding habits. Emphasis will be on creating fun and interesting applications and the basics of game design. This course meets the requirement for the fourth math credit beyond Algebra II.

### **AP COMPUTER SCIENCE PRINCIPLES\*\***

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Algebra I and CP English I

#### **Description:**

Computer science experience has become imperative for today's students and the workforce of tomorrow. AP Computer Science Principles introduces students to the fundamentals of computing, including problem solving, working with data, understanding the Internet, cyber security, and programming/coding. Students will learn the computational and thinking skills needed to create digital projects—from simple games and apps to programs that can analyze large data sets or inspire the creation of visual art and music. With a focus on writing/coding computer programs to solve problems and real-world applications, this course prepares students for college and a variety of careers such as 3-D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis. Students will also have an opportunity to:

- Use computer science to address real-world issues that interest them
- Create/write/code computer programs that have practical impact
- Gain skills relevant across other disciplines and industries

This course is part of a national project through the College Board and National Science Foundation. This course meets the requirement for the fourth math credit beyond Algebra II. **Fee: This course requires an AP Exam fee.**

### **AP COMPUTER SCIENCE A\*\***

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Programming or AP CS Principles and teacher recommendation

#### **Description:**

AP Computer Science A introduces students to computer science through programming, or coding, using the Java language. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the

development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design. This course meets the requirement for the fourth math credit beyond Algebra II and/or one unit of advanced science.

**Fee: This course requires a student fee + AP Exam fee.**

### **ADVANCED STUDIES IN COMPUTER SCIENCE\***

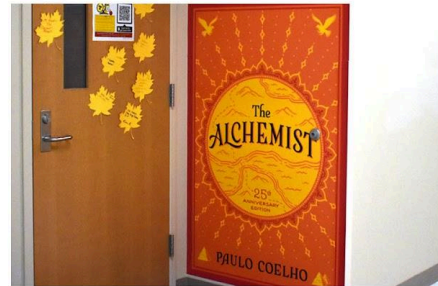
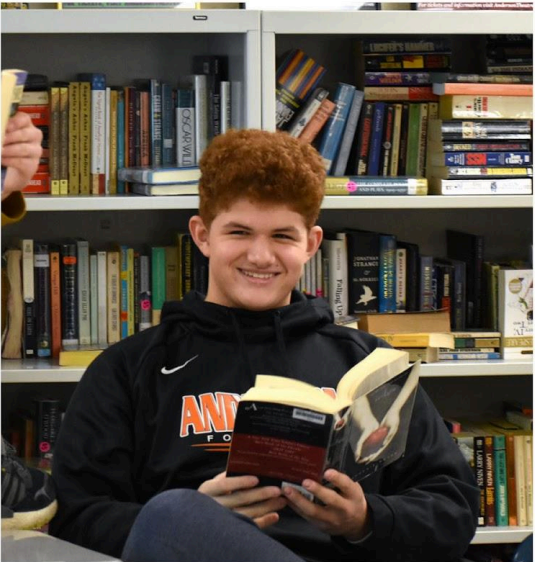
**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** AP Computer Science A and teacher recommendation

#### **Description:**

























This course will be tailored to meet the needs of the students. If there is enough interest, a traditional teacher-led course could be offered. If not, an Independent Study program would be set up. The student would have to be self-motivated and would be responsible for the development of the tasks and assessments. Topics might include robotics, virtual worlds, internet programming, Java GUI applets, gaming, advanced data structures, etc. Students could even suggest a topic they want to study. This course meets the requirement for the fourth math credit beyond Algebra II and/or one unit of advanced science.



# English Language Arts

# ENGLISH LANGUAGE ARTS

## CORE CLASSES

Code	Course	Grade	Sem	Credit	Career Pathways
1120	CP English I	9	2	1.0	 
1130	Honors English I*	9	2	1.0	 
1220	CP English II	10	2	1.0	 
1240	AP Seminar: English II**	10	2	1.0	 
1320	CP English III	11	2	1.0	 
1340	AP English: Language and Composition**	11-12	2	1.0	   
1410	CP Career English IV	12	2	1.0	   
1420	CP English IV	12	2	1.0	 
1440	AP English: Literature and Composition**	11-12	2	1.0	 
1540	CCP English Composition**	11-12	2	1.0	 

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

## ELECTIVES

Language Arts Electives					
1511	Books: Personal Choices	9-12	1	0.5	
1512	Creative Writing I	10-12	1	0.5	
1522	Creative Writing II	10-12	1	0.5	
1613	Introduction to Journalism	9-12	1	0.5	
1620	Advanced Journalism: Newspaper*	10-12	2	1.0	
1630	Advanced Journalism: Yearbook*	10-12	2	1.0	

\*Denotes Honors-level GPA boost

**Overall Description for All Core Classes:**

All of the required English Language Arts courses are designed around high-quality literary and informational texts to develop the skills of reading, writing, language, speaking and listening that are the foundation for creative and purposeful expression. Emphasis will be placed on close, attentive, and critical reading to tackle, evaluate, and respond to complex texts. Students will develop writing for a variety of purposes including asserting and defending claims, demonstrating knowledge, and conveying what they have thought, felt or experienced. Each grade level addresses the English Language Arts standards by concentrating on literature of a specific thematic orientation or national origin. The course options available under each grade heading are designed to address the needs of students according to ability level.

**CP ENGLISH I****Grade Level:** 9**Course Credit:** 1 credit, two semesters**Description:**

This course will focus on a survey of different literary fiction genres and non-fiction writing. Students will develop reading comprehension and analysis skills, as well as, improve academic, reflective, and narrative writing and presentation skills. This course meets the State of Ohio standards for freshman English Language Arts.

**Fee: This course requires a student fee.****HONORS ENGLISH I\*****Grade Level:** 9**Course Credit:** 1 credit, two semesters**Prerequisite:** Teacher recommendation**Description:**

This course is designed for freshmen who are reading and or writing significantly above grade level and who demonstrate a strong interest in English. This course is designed to prepare students for AP courses.

**Fee: This course requires a student fee.**

## CP ENGLISH II

**Grade Level:** 10  
**Course Credit:** 1 credit, two semesters

### **Description:**

This course will focus on a survey of different literary fiction genres and non-fiction writing from American authors. Students will continue to develop reading comprehension and analysis skills, as well as, improve academic, reflective, and narrative writing and presentation skills. This course meets the State of Ohio standards for sophomore English Language Arts.

**Fee:** This course requires a student fee.

## AP SEMINAR: ENGLISH II\*\*

**Grade Level:** 10  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### **Description:**

This course is a 10th grade English class taught in the AP Seminar format. AP Seminar helps build a strong foundation for critical and transferable research skills, including investigation, collaboration, writing, and presentation. This course helps students build skills in multiple disciplines through evidence-based reading, writing, and speaking. Students have the freedom to choose their own topic to study while learning real-world skills that are helpful in their other high school classes and needed for college and career. In AP Seminar, all students will be required to work collaboratively and complete multiple oral, in-person presentations in front of large groups.

**Presentation Requirements:** In addition to the AP test in May, all AP Seminar students will be required to work collaboratively and complete multiple oral, in-person presentations in front of large groups.

**Fee:** This course requires a student fee + AP Exam fee above the traditional AP Exam fee.

### CP ENGLISH III

**Grade Level:** 11  
**Course Credit:** 1 credit, two semesters

**Description:**

This course will focus on a survey of different fiction genres and non-fiction writing from British and world authors. Students will continue to develop reading comprehension and analysis skills, as well as, improve academic, reflective, and narrative writing and presentation skills. This course meets the State of Ohio standards for junior English Language Arts.

**Fee:** This course requires a student fee.

### AP ENGLISH - LANGUAGE AND COMPOSITION\*\*

**Grade Level:** 11,12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

**Description:**

This course is designed for honors-level students with elevated reading comprehension and strong analytical skills. Most of the texts will be informational and argumentative pieces as the course concentrates on the analysis of rhetorical form and strategies. The writing in this course will focus on expository forms culminating in rhetorical, argumentative and synthesis writing; such expertise is valuable for students seeking advanced placement in college.

**Fee:** This course requires a student fee + AP Exam fee.

### CP ENGLISH IV

**Grade Level:** 12  
**Course Credit:** 1 credit, two semesters

**Description:**

This course will focus on an exploration of four genres of literature (Mystery & Horror, Non-Fiction, Fantasy, and Coming of Age). Students will continue to develop reading comprehension and analysis skills, as well as, improve academic, reflective, and narrative writing skills. This course meets the State of Ohio standards for senior English Language.

**Fee:** This course requires a student fee.



## CP CAREER ENGLISH IV

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

### **Description:**

Designed for seniors that are undecided about their post-graduation path, **this course will have the same rigor as the CP English IV class**, but it will provide differentiated assignments to develop skills for college, military, and workforce oriented tasks. Community partnerships will provide additional experiences for students to explore careers and higher education paths that best suit their interests, abilities, and passions. The course will culminate in a capstone research project about a chosen path or field. This course meets the State of Ohio standards for senior English Language.

**Fee: This course requires a student fee.**

## AP ENGLISH: LITERATURE AND COMPOSITION\*\*

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Teacher recommendation

### **Description:**

This course is offered to honors-level students who have superior ability and interest in literature. Students will read and evaluate works of fiction, poetry, and drama of various lengths and from various periods and cultures. Students will learn to deeply read a text and draw conclusions from details, identify techniques used by authors and their effects, and develop strongly supported arguments in writing.

**Fee: This course requires a student fee + AP Exam fee.**

## **ELECTIVE COURSES**

The following elective courses are intended to further expand students' opportunities in English Language Arts. Students are encouraged to take any of these courses in addition to their year-long English course.

## BOOKS: PERSONAL CHOICES

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

Designed for ninth, tenth, eleventh or twelfth graders, this course is for students who have a love of reading but find they are unable to read on a regular basis because of time restraints and academic limitations. Students will read self-selected books, participate in discussions and write response journals to reflect upon reading, recommend books to others and build their own reading lists. This course may be repeated for credit.

**This elective course does not fulfill the English credit requirement for graduation.**

**Fee: This course requires a student fee.**

### CREATIVE WRITING I

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

**Description:**

This course is intended for students interested in learning techniques and skills to produce creative writing in both fiction and nonfiction pieces. It should also help students to develop sensitivity to their surroundings, to understand the motivations of human nature and to evaluate their own life experiences. Students will be encouraged to express their ideas and observations and to develop their own personal style. They will become familiar with and attempt to produce a variety of written forms which may include, but are not limited to, narration, description, short story, mood piece, creative essay, drama and poetry.

**This elective course does not fulfill the English credit requirement for graduation.**

### CREATIVE WRITING II

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

**Prerequisite:** Creative Writing I

**Description:**

This course is intended for students to continue their learning of techniques and skills to produce creative writing in both fiction and nonfiction pieces. It will further help students develop sensitivity to their surroundings, to understand the motivations of human nature, and to evaluate their own life experiences. Students will continue to express their ideas and observations and further develop their own personal style. As a Creative Writing II student, they will engage in a quarter-long writing workshop, before moving on to produce more elevated works that may include, but are not limited to, narration, description, short story, creative nonfiction, drama, and/or poetry.

**This elective course does not fulfill the English credit requirement for graduation.**

## INTRODUCTION TO JOURNALISM

**Grade Level:** 9, 10, 11, 12

**Course Credit:** AHS: 0.5 credit, one semester

THS: 0.5 credit, one semester OR 1 credit, two semesters

### **Description:**

This course will explore the techniques used in print and digital media. Students will learn and apply journalistic writing styles, photojournalism, and copy editing. Selling ads may be required. Although the yearbook and newspaper will still be co-curricular activities, students will be working on both school publications as part of this course. Students taking this course should have strong writing skills. Attendance at events outside of school may be necessary.

**This elective course does not fulfill the English credit requirement for graduation.**

## ADVANCED JOURNALISM - NEWSPAPER\*

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Introduction to Journalism and teacher recommendation

### **Description:**

Students who wish to extend their experience and knowledge by continuing their work on school publications will have the opportunity to do so in this class. Selling ads, journalistic ethics, and photography as well as the role of editor will be part of the creation of the school newspaper. Making publication decisions, researching, interviewing, photographing, and reporting for the school publications will be expected. Attendance at events outside of school may be necessary. This is a repeatable course.

**NOTE: This course is only offered at Anderson High School.**

**This elective course does not fulfill the English credit requirement for graduation.**

## ADVANCED JOURNALISM - YEARBOOK\*

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Introduction to Journalism and teacher recommendation

### **Description:**

Students who wish to extend their experience and knowledge by continuing their work on school publications will have the opportunity to do so in this class. Selling ads, journalistic ethics, and photography as well as the role of editor will be part of the creation of the yearbook. Making publication decisions, researching, interviewing, photographing, and

reporting for the school publications will be expected. Attendance at events outside of school may be necessary. This is a repeatable course.

**This elective course does not fulfill the English credit requirement for graduation.**

### **CCP English Composition 1001\*\***

**Grade Level:** 11, 12

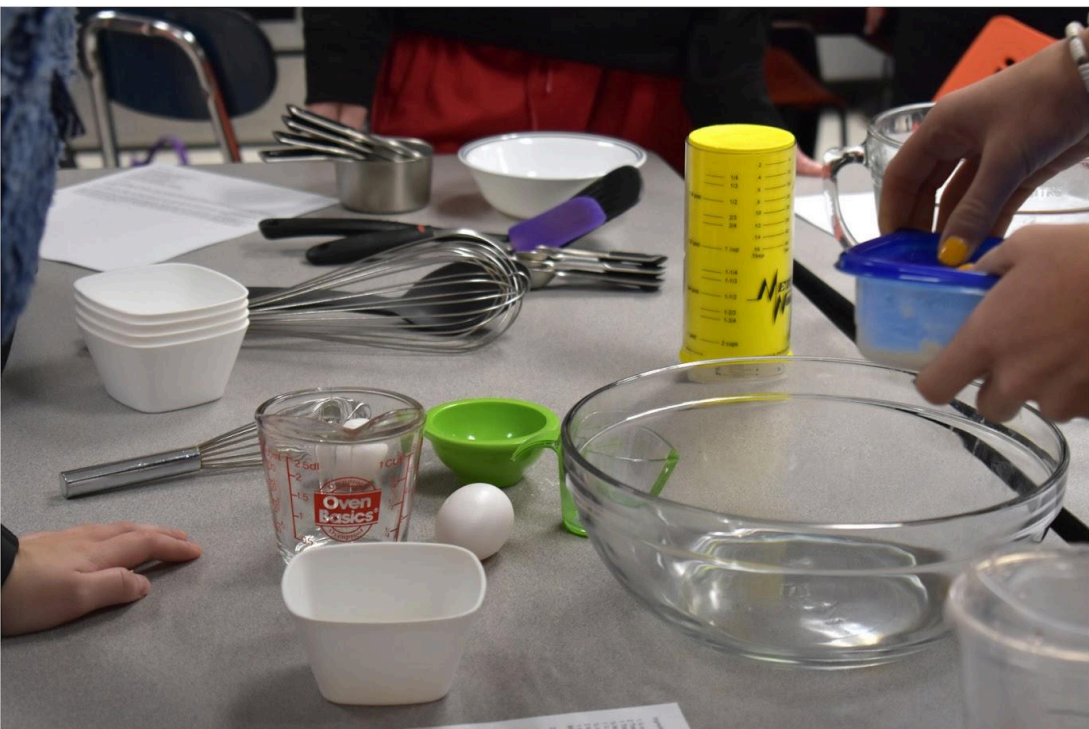
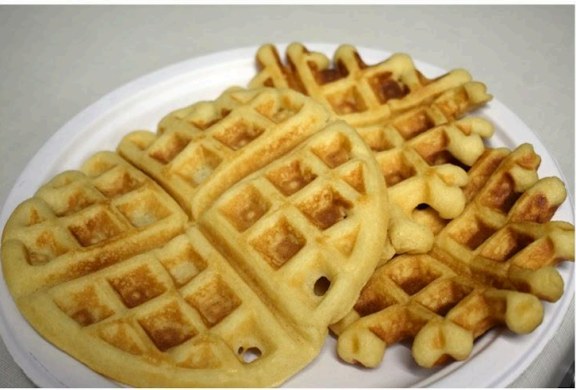
**Course Credit:** 1 credit, two semesters

**Prerequisite:** FHSD Teacher Recommendation & Entrance into the University of Cincinnati







#### **Description:**

English Composition 1001 is a writing-centered course that emphasizes the careful reading, analytical thinking, and persuasive strategies inherent in researching and writing within an academic community. Students learn that rhetorical knowledge is the basis of composing while learning to write with purpose, audience, context, and conventions in mind. Students develop rigorous academic research practices: how to locate and evaluate primary and secondary sources relevant to their line of inquiry and position their own ideas in conversation with public writing. Students also engage in regular self-reflection: articulating what they know, what they can do, and how to apply their knowledge and skills in various contexts.

# Family and Consumer Sciences



# FAMILY AND CONSUMER SCIENCES

Code	Course	Grade	Sem	Credit	Career Pathways
7113	Nutrition and Healthy Lifestyles	9-12	1	0.5	
7213	Creative and Safe Cooking	9-12	1	0.5	
7313	Child Development	10-12	1	0.5	
7513	Career and Life Planning	9-12	1	0.5	
7613	Global Foods	9-12	1	0.5	
7713	Fashion Design and Selection	9-12	1	0.5	

## NUTRITION AND HEALTHY LIFESTYLES

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Description:

This course is designed to provide students with information and lab experiences that will enable them to make healthy food choices based on a variety of lifestyles. There will be basics, such as dietary guidelines, safety and sanitation, meal planning and recipe modification. Other topics include eating disorders, weight management, sports nutrition and current trends in diets, nutrition and wellness factors.

**Fee:** This course requires a student fee.

## CREATIVE AND SAFE COOKING

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Descriptions:

This course emphasizes strategies for making economical choices when planning meals. Students will be introduced to the guidelines for selecting appliances, setting up a food budget and buying and storing foods. Safe and sanitary practices are covered in order to prevent food borne illnesses. Making consumer decisions, tips on using space, time and energy efficiently will help students manage their resources while working in the kitchen.

Information on basic cooking methods will also give them a background on how to prepare a wide variety of foods.

**Fee: This course requires a student fee.**

## **CHILD DEVELOPMENT**

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

This course is designed to provide students with foundational skills and awareness that will enable them to make informed decisions about becoming a parent or childcare provider. Anyone who anticipates interaction with children in any capacity will benefit from this course. Topics include parenting readiness, human growth and development, balancing work and family responsibilities and changing family structures. The daily challenges and rewards of parenting will be the focus of cooperative and independent learning activities.

## **CAREER AND LIFE PLANNING**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

This course will provide students with many skills essential for independent living and suggestions for effective decision making related to both short- and long-range goals. Skills for competencies in individual and family economics will be explored along with knowledge for coordinating work and personal life. Topics covered will range from consumerism to interpersonal relationships and responsibilities faced in society by adults in various life stages. The course will utilize many case studies and role-play activities to stress key concepts.

**Fee: This course requires a student fee.**

## **GLOBAL FOODS**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

This course will provide opportunities for students to compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

## **FASHION DESIGN AND SELECTION**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

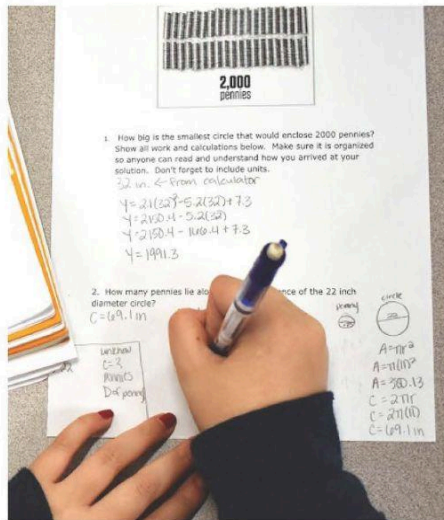
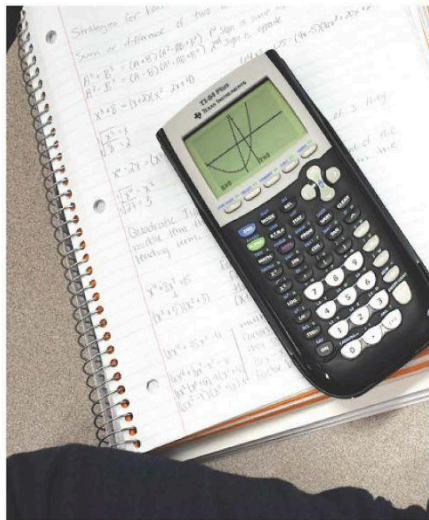
### **Description:**

This course is primarily a hands-on course that emphasizes textile and pattern selection and construction techniques. This class would be helpful in developing a portfolio for students interested in majoring in the fashion industry in college. This course requires advanced manual dexterity skills and moderate technical abilities.

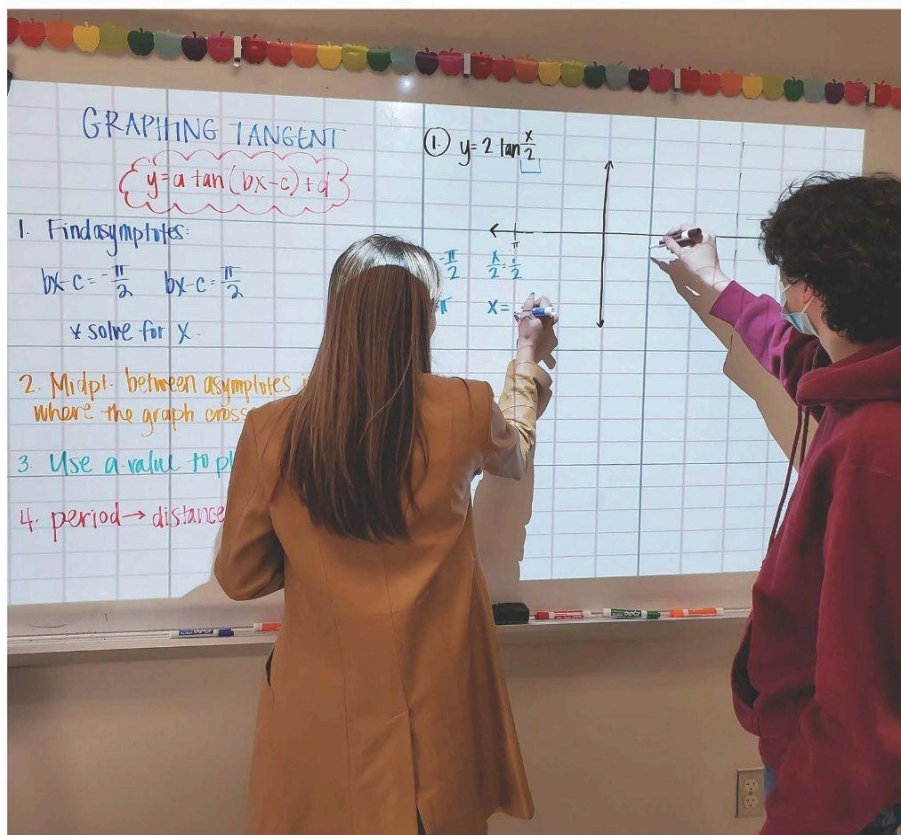
**Fee: This course requires a student fee.**





















































# Mathematics



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# MATHEMATICS

Code	Course	Grade	Sem	Credit	Career Pathways
2120	CP Algebra I	9	2	1.0	  
2220	CP Geometry	9-11	2	1.0	  
2230	Honors Geometry*	9-11	2	1.0	   
2310	CP Statistics and Probability	11-12	2	1.0	   
2320	CP Algebra II	9-12	2	1.0	  
2330	Honors Algebra II*	9-12	2	1.0	   
2420	CP Precalculus	10-12	2	1.0	  
2440	AP Precalculus**	10-12	2	1.0	   
2510	Applied Mathematics	12	2	1.0	  
2520	CP Introduction to College Mathematics	12	2	1.0	  
2620	CP Survey of Statistics and Calculus	11-12	2	1.0	   
2640	AP Statistics**	10-12	2	1.0	   
2740	AP Calculus AB**	11-12	2	1.0	 
2840	AP Calculus BC**	12	2	1.0	 
2340	AP Research**	11-12	2	1.0	   

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

**NOTE:** AP Computer Science A and AP Computer Science Principles do qualify as an option for the 4th math credit, beyond Algebra 2

All math classes require the recommendation of the student's current math teacher.

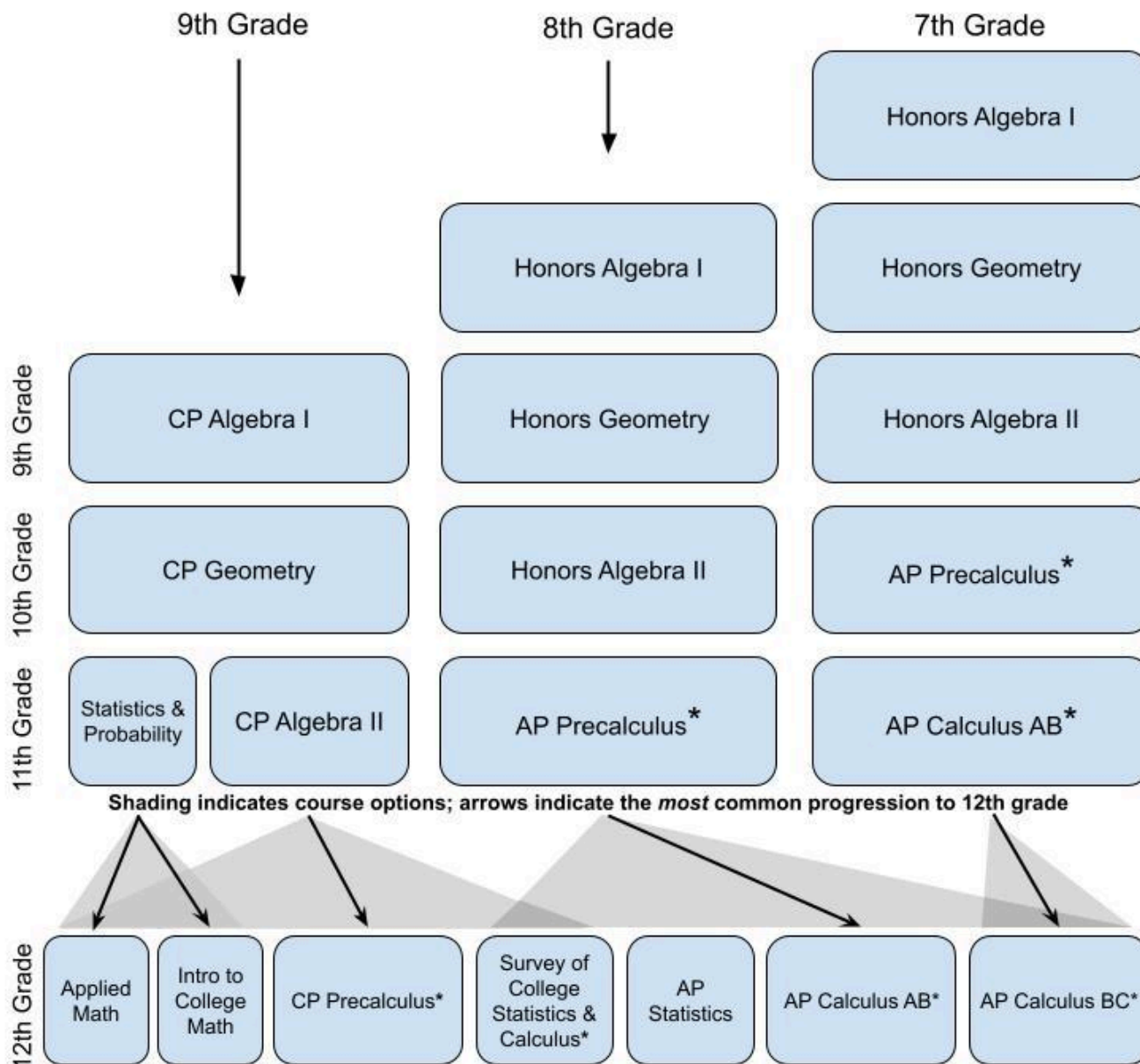
**CALCULATORS:** Students taking four years of high school mathematics should own a graphing calculator with matrix and statistics capability. Graphing calculators are required in all math classes. The TI-83 Plus or TI-84 Plus are strongly recommended.

See "Math Course Progressions" on the next page.

# CORE Math Progressions

The pathways below indicate the *most common* course progressions that students take in high school. Some students will be on an accelerated pathway, beginning the high school sequence as early as 7th grade. Students are not “tracked;” they have the ability to move from one pathway to another, from one year to the next (e.g. CP Geometry followed by Honors Algebra II). Four math credits are required for graduation and each course below is one full credit.

## High School Math Sequence beginning in:



\* AP Statistics is often “doubled” with another math course in the same year, and may be taken any time after successful completion of Algebra II.

Increasing Rigor →

## **CP ALGEBRA I**

**Grade Level:** 9

**Course Credit:** 1 credit, two semesters

### **Description:**

In Algebra I, students will focus on the following critical areas: Developing an understanding of the relationships between quantities and reasoning with equations, comparing and contrasting linear and exponential relationships, using descriptive statistics to describe a data set, creating and manipulating expressions and equations to solve problems, and developing an understanding of quadratic functions and how they can be used to model situations.

## **GEOMETRY (CP or Honors)**

**Grade Level:** 9, 10, 11

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra I

### **Description:**

Geometry includes analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, circles and analytic geometry. Additionally, students will study concepts in set theory and probability. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

## **CP STATISTICS AND PROBABILITY**

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Geometry

### **Description:**

Statistics and Probability is an in-depth study of probability, data analysis, and statistics including applying the concept of random variables to generate and interpret probability distributions, transforming data to aid in interpretation and prediction, and testing hypotheses using appropriate statistics. This is an Algebra 2 equivalent course for the purposes of State of Ohio graduation requirements.

## ALGEBRA II (CP or Honors)

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Pre/Co-requisite:** Geometry

### Description:

Algebra II is traditionally the third course in a high school mathematics sequence. Students will be able to problem solve and model real-world phenomena using skills based in linear equations, polynomials, quadratic functions, exponential and logarithmic equations, probability, and trigonometry.

## CP PRECALCULUS

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Algebra II and teacher recommendation

### Description:

This course is designed for the college-bound student who needs a solid math background. Topics include advanced equation solving, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometry, analytic trigonometry and applications and complex numbers. Additional topics may include conic sections, matrices and polar coordinates.

## AP PRECALCULUS\*\*

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Honors Algebra II and teacher recommendation

### Description:

In AP Precalculus, students explore everyday situations using mathematical tools and lenses. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. AP Precalculus prepares students for other higher-level mathematics and science courses. Additionally, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type. Students learn to select mathematical models-based characteristics of a bivariate data set; characteristics of covarying quantities and their relative rates of change; or a set of

characteristics such as zeros, asymptotes, and extrema. Students also identify, interpret, and apply information from a function model for a given context or data set, subject to assumptions and limitations related to the context.

**Fee:** This course requires an AP Exam fee.

### **APPLIED MATHEMATICS**

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra II or Introduction to Statistics and Probability

#### **Description:**

In Applied Mathematics the students will focus on four critical areas: Graph theory using Desmos, topics in consumer math, topics focused on probability and statistics, and a culminating project connected to our community partners and community service.

### **CP INTRODUCTION TO COLLEGE MATHEMATICS**

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra II or Introduction to Statistics and Probability

#### **Description:**

Intro to College Mathematics will serve as an entry level course to College Readiness and College Mathematics. Throughout the first semester students will strengthen their understanding of topics covered on the ACT with the goal of meeting criteria required to enroll in credit bearing math courses in college. These topics include but are not limited to matrices, algebraic equations, data analysis, geometric problem-solving, trigonometry, and rational and radical expressions and equations. In the second semester, students will be exposed to a variety of mathematics that they may face in their first year of college, including but not limited to probability and statistics, quantitative reasoning topics, discrete mathematics and modeling real world phenomena.

### **CP SURVEY OF COLLEGE STATISTICS AND CALCULUS**

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra II or Precalculus

**Description:**

This course will provide a working knowledge of the topics found in the two most often required courses for freshmen in college, Statistics and Calculus. One semester will focus on probability, descriptive statistics, and inferential statistics. Topics will be reinforced via the use of projects and puzzles, and real life data will be explored using spreadsheets. The other semester will focus on limits, derivatives and integrals. These techniques help explain how things change over time and how to optimize for that change. Calculus is used in ways you may not recognize: From knowing when to expand your business to building hurricane proof structures to understanding how medicine is absorbed in the body and traveling to the stars.

**AP STATISTICS\*\***

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

**Description:**

AP Statistics focuses on the study of probability and statistics, both descriptive and inferential. The course emphasizes analysis and interpretation more than computation. The course consists of nine units: (1-2) Exploring One- and Two-Variable Data; (3) Collecting Data: planning and conducting a study, (4) Probability, Random Variables, and Probability Distributions, (5) Sampling Distributions, and (6 - 9) Inference for Categorical and Quantitative Data.

**Fee:** This course requires an AP Exam fee.

**AP CALCULUS AB\*\***

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** AP Precalculus and teacher recommendation

**Description:**

AP Calculus AB is a one-year course designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. Before studying calculus, all students should complete and show sufficient mastery of four years of secondary mathematics designed for the college-bound student. Through the use of the big ideas of calculus (e.g., modeling change, approximation of limits, and analysis of functions), AP Calculus AB becomes a cohesive whole, rather than a collection of unrelated

topics. Successful completion of this course prepares students for the AP Calculus AB examination.

**Fee: This course requires an AP Exam fee.**

### **AP CALCULUS BC\*\***

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** AP Precalculus and teacher recommendation

#### **Description:**

AP Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics taught in Calculus AB plus additional topics such as arc length, techniques of integration, sequences, series, vector-valued functions and polar coordinates. A Calculus AB subscore is reported based on performance on the portion of the Advanced Placement Calculus BC Exam devoted to Calculus AB topics.

**Fee: This course requires an AP Exam fee.**

### **AP Research\*\***

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** AP Seminar

#### **Description:**

AP Research is the second course in the AP Capstone program, following AP Seminar. This course empowers students to design, plan, and conduct a year-long research-based investigation on a topic of their choice. Students develop critical skills in research methodology, academic writing, and presentation, culminating in an academic paper and an oral defense. AP Research emphasizes independence, creativity, and scholarly inquiry, providing students with an opportunity to delve deeply into their passions while preparing them for advanced academic and professional endeavors. Successful completion of AP Seminar and AP Research can earn students the prestigious AP Capstone Diploma.

**Fee: This course requires an AP Exam fee.**





# Performing Arts

# PERFORMING ARTS

Code	Course	Grade	Sem	Credit	Career Pathways
9610	Tenor/Bass Choir	9-12	2	1.0	
9620	Treble Choir	9-12	2	1.0	
9630	AHS/THS Singers	9-12	2	1.0	
9640	AP Music Theory**	10-12	2	1.0	
9650	Honors Chamber Choir*	10-12	2	1.0	
9710	Concert Band	9-12	2	1.0	
9711	Marching Band	9-12	9 weeks	0.25	
9720	Percussion	9-12	2	1.0	
9730	Honors Wind Ensemble*	9-12	2	1.0	
9740	Honors Percussion*	9-12	2	1.0	
9810	Concert Orchestra	9-12	2	1.0	
9830	Honors Chamber Orchestra*	9-12	2	1.0	
9910	Introduction to Theatre	9-12	2	1.0	
9920	Advanced Theatre Studio	10-12	2	1.0	
9930	Technical Theatre	10-12	2	1.0	

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

## TENOR/BASS CHOIR

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Teacher recommendation and audition

### Description:

This group performs unison, two, three and four part music written for tenor and bass voices. Selections are drawn from a variety of musical styles, including classical, folk, popular, sacred, sea chanteys and barbershop music. Special attention is given to vocal techniques and basic note reading skills. Required concerts, assemblies, rehearsals and

other programs comprise the performance experience. Solo and Ensemble participation is encouraged. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## **TREBLE CHOIR**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Teacher recommendation and audition

### **Description:**

This group studies and performs unison, two, three and four part music written specifically for soprano and alto voices. Selections are drawn from classical, folk, popular, sacred, and musical theatre genres. Special attention is given to vocal technique and basic music reading skills. Required concerts, assemblies, rehearsals and other programs comprise the performance experience. Solo and Ensemble participation is encouraged. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## **AHS/THS SINGERS**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Successful audition with choral director

### **Description:**

Music of all periods is studied and performed at regularly scheduled concerts and assemblies. Ensemble and solo work is emphasized and encouraged. Scales, sight reading, tone quality and singing experience are the determining factors in the selection of members for this top level group. Preparation and practice will be expected from each individual. Required concerts, assemblies, rehearsals and other programs comprise the performance experience. Additional requirements will include OMEA adjudicated events, community service, outside concert attendance and other projects with notification from the director. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## CHAMBER CHOIR\*

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Successful audition with choral director

### Description:

This group will be comprised of 12-16 students who will perform music of all genres from Renaissance to pop acapella. The ensemble will perform at regularly scheduled concerts, assemblies, and other events within the community; these outside events are mandatory. Ensemble and solo work is emphasized and encouraged. Standard music literacy, sight reading, and exemplary tone are the determining factors in the selection of members for this group. Preparation and practice will be expected from each individual.

This course may be repeated for credit.

**Fee: This course requires a student fee.**

## AP MUSIC THEORY\*\*

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Teacher recommendation

### Description:

The ultimate goal of the AP Music Theory course is to develop a student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. This goal is reached through students' development of: aural skills, sight-singing, written exercises, composition exercises and analytical exercises.

**Fee: This course requires a student fee + AP Exam fee.**

## CONCERT BAND

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1.0 credit, two semesters

**Prerequisite:** Successful audition and teacher recommendation

### Description:

Concert Band students work to build musicianship, fundamental skills and performance techniques. The selection of music will vary throughout the year. The Concert Band presents several formal concerts each year. Opportunities are also available for Solo and Ensemble participation as well as Pep and Jazz bands. The band meets five days per week. It is **mandatory** for all Concert Band members to participate in Marching Band.

Students who plan to participate in a fall sport should contact the band director to see how accommodations may be made. This course may be repeated for credit.

**Fee: This course requires a student fee.**

### **MARCHING BAND (9-WEEK COURSE)**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, 9 weeks

**Prerequisite:** Successful audition and teacher recommendation

#### **Descriptions:**

The marching band is comprised of members from Concert Band, Wind Ensemble, Percussion, and the Color Guard. Members attend band camp at the end of the summer in preparation for fall performances. Daily rehearsals beyond the school day prepare the class to perform at football games as well as marching band festivals, contests, and parades. There is regional travel for this class including all scheduled football games and competitions. This course may be repeated for credit.

**Fee: This course requires a student fee.**

### **PERCUSSION**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Successful audition and teacher recommendation

#### **Description:**

Through teacher evaluation, percussion students will be placed in General Percussion or Honors Percussion. Students in Percussion Class work to build musicianship, percussive skills, and performance techniques. The selection of music will be varied throughout the year, consisting of both mallet and snare exercises and etudes, solos, and ensembles. Percussion class presents several formal concerts each year with Concert Band and Wind Ensemble. Opportunities are also available for Pep and Jazz Bands. At the conclusion of the marching season, Orchestra Percussionists attend orchestra two times per week. Solo and Ensemble participation is encouraged. It is **mandatory** for all percussion class members to participate in marching band. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## HONORS PERCUSSION\*

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Successful audition and teacher recommendation

### Description:

Students in Percussion Class (H) work to build advanced levels of musicianship and employ advanced performance techniques. The selection of music will vary throughout the year and will employ all percussion instruments. Music will include band arrangements, etudes, solos, and ensembles. Percussion class presents several formal concerts each year with Concert Band and Wind Ensemble. Students are required to participate in Solo and Ensemble and/or Honor Band as well as Pep Band. At the conclusion of the marching season, those students also participating in the Chamber Orchestra will attend orchestra two times per week. Honors Percussion is by audition only and auditions occur in the spring of the previous school year. It is **mandatory** for all members of Percussion class to participate in marching band. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## WIND ENSEMBLE\*

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Successful audition and teacher recommendation

### Description:

Wind Ensemble students work to build advanced levels of musicianship and employ advanced performance techniques. A variety of band literature will be studied and performed. Students will study fundamental concepts of music theory, music history, and ear training throughout the course. Students will participate in community service based on sharing their talents outside of school. The Wind Ensemble presents several formal concerts each year. All students will participate in Solo and Ensemble and/or Honor Band, as well as Pep Band. At the conclusion of the marching season, Symphonic Orchestra members will attend orchestra two times per week. Wind Ensemble is by audition only. Auditions occur in the spring of the previous school year. It is **mandatory** for all Wind Ensemble members to participate in Marching Band.

Students who plan to participate in a Fall sport should contact the band director to see how accommodations may be made. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## CONCERT ORCHESTRA

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Successful audition with orchestra director

### Description:

Concert meets as a string orchestra daily. The Concert curriculum develops technical string playing skills through string orchestra repertoire. All styles and types of music are studied to assure a well-rounded orchestra experience. The orchestra performs at required concerts throughout the year. Additional requirements may include adjudicated events and outside concert attendance. This course may be repeated for credit. **Fee: This course requires a student fee.**

## CHAMBER ORCHESTRA\*

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Successful audition with orchestra director

### Description:

Chamber Orchestra meets daily, one day with the wind and percussion players during the marching season and two days during the concert band season. The Chamber Orchestra curriculum includes both string and full orchestra repertoire, and students from the orchestra are selected to play in Chamber Orchestra. All styles and types of music are studied to assure a well-rounded orchestral experience. The orchestra performs at various assemblies and required concerts throughout the year. Additional requirements may include community service, outside concert attendance, extended rehearsals and OMEA adjudicated events. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## INTRODUCTION TO THEATRE

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters

### Description:

This course is a fun and exciting way for students to engage in storytelling by using themselves as the medium. By studying specific histories and cultures, learning and applying language and vocabulary specific to theatre arts, and engaging in projects that ask

the student to apply knowledge in a creative way. Students will also have fun, gain self-esteem and confidence, and be able to use their creativity in new and dynamic ways to tell stories of others and themselves.

### ADVANCED THEATRE STUDIO

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Introduction to Theatre

**Description:**

Students in the Advanced Theatre Studio class will continue their education of theatre by participating in units of study that are engaging in a variety of ways. Each unit allows students to grow as artists by understanding how history, culture and social issues impact dramatic texts. Students participate in four units of study including Advanced Improvisation / Sketch Comedy, One-Act Plays, An Original Theatre piece created by the student & Musical Theatre Dance / Stage Combat. This class focuses on students as leaders, creators and directors, as well as advancing their performance, literary and technical skills. Lastly, students will connect their learning by applying it to real-world projects presented to the public, which means they must be available for performances outside of the school day. This course may be repeated for credit.

**Fee: This course requires a student fee.**

### TECHNICAL THEATRE

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters

**Description:**

Students will explore all areas of technical theatre and expand on their skills and knowledge of new areas to allow them to grow as a technical theatre artist. They will work on four projects that result in performances throughout the year. There is not a prerequisite for this course; however, students are strongly encouraged to enroll in the Introduction to Theatre course prior to taking the Technical Theatre course. This course may be repeated for credit.








**Fee: This course requires a student fee.**





# Physical Education / Health

# PHYSICAL EDUCATION/HEALTH

Code	Course	Grade	Sem	Credit	Career Pathways
0123	Health and Wellness	9-12	1	0.5	
0213	Fundamentals of Physical Education	9-12	1	0.25	
0223	Unified Physical Education	10-12	1	0.25	
0243	Competitive Games	9-12	1	0.25	
0253	Strength Training and Conditioning	9-12	1	0.25	
0263	Leisure Games and Activities	9-12	1	0.25	
0273	Officiating	9-12	1	0.25	

**NOTE 1:** Students are required to complete 0.5 credits (2 semesters) of Physical Education courses and 0.5 credits (1 semester) of Health and Wellness as part of the State of Ohio Graduation requirements. These are stand-alone credits, and do not count towards elective credits.

**NOTE 2:** While Physical Education courses are repeatable, students should remember that repeated Physical Education courses do not count towards the first 5 of the required 6.5 elective credits for graduation.

## HEALTH AND WELLNESS

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### Description:

This course is designed to equip students with the knowledge, skills and awareness necessary for making responsible choices that will lead to optimal wellness. Our goal is to help students maintain a healthy state of physical, mental and social well-being. The topics of study include self-esteem, stress management, physical fitness, nutrition, healthy relationships, reproductive health, substance abuse and addiction, CPR/AED training, organ and tissue donation, infectious and lifestyle diseases.

**This course is required for ALL students.**

**Fee:** This course requires a student fee.

## FUNDAMENTALS OF PHYSICAL EDUCATION

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### **Description:**

Students will participate in a variety of individual, team and lifelong sports, as well as learn physical fitness activities. Students will engage in physical activities that promote skill enhancement, goal setting and lifelong enjoyment. Students will learn to work with others in authentic physical activity to achieve a common goal and learn cooperation and sportsmanship concepts. Some examples of physical fitness activities are tennis, flag football, volleyball, badminton, physical fitness assessments, and pickleball.

**Fee:** This course requires a student fee.

**NOTE:** Unless using the FHSD PE waiver, this course is required for all students in addition to completion of one PE elective.

## COMPETITIVE GAMES

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### **Description:**

This is an ideal class for students who enjoy vigorous physical activity, competition and teamwork through a variety of team and individual sporting events. The class has a competitive tournament-style format for many of the games. Events in the course will include, but are not limited to: basketball, volleyball, soccer, handball and floor hockey. The class will also emphasize physical safety and will encourage teamwork as well as athletic strategies and tactics. This course is repeatable.

**Fee:** This course requires a student fee.

## STRENGTH TRAINING AND CONDITIONING

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### **Description:**

This class is designed for students who are interested in improving strength, muscular endurance and power. This class helps students set strenuous but attainable goals for enhancing their health and physical fitness. Exercise, proper nutrition, weight control and cardiovascular development will be studied. When possible, professional strength coaches

and weightlifting experts will work with students to foster greater flexibility and agility training. A physical fitness evaluation will be given to each student and a program will be developed to satisfy individual needs and goals. This course is repeatable.

**Fee: This course requires a student fee.**

## LEISURE GAMES AND ACTIVITIES

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### Description:

This is an ideal course for students who enjoy leisure sports and activities. The course will combine indoor and outdoor activities which will foster lifetime enjoyment of games and the social interactions they can provide. Events in the course may include but are not limited to corn hole, ping pong, golf, bowling, hacky sack, Frisbee, badminton, darts and strategy games. The only dress requirement for this course is school attire and appropriate footwear. This course is repeatable.

**Fee: This course requires a student fee.**

## OFFICIATING

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### Description:

The purpose of this course is to enable students to acquire knowledge of sport rules and regulations, develop skills in officiating selected sports, improve skills in specified team sports and maintain or improve health-related fitness. The content should include but limited to the following: safety practices, rules, terminology, etiquette, history of the sport, sportsmanship, correct techniques in performing skills, correct signals for officiating, umpiring and officiating games, consumer issues, benefits of participation, fitness activities and assessment of skills and fitness. The sports offered may include but are not limited to basketball, flag football, soccer, softball and volleyball. This course is repeatable.

## UNIFIED PHYSICAL EDUCATION

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.25 credit, one semester

### Description:

Unified Physical Education is a physical education course designed to foster an inclusive environment where students of diverse abilities can engage together in physical activities.











































The course offers students without disabilities the opportunity to mentor and collaborate with peers with multiple disabilities, while also providing students with disabilities the chance to actively participate in physical and social activities tailored to meet their individual needs. After being selected, student mentors will undergo specialized training to prepare them to work with students with diverse needs and ensure that all participants are supported and included. The overarching goal of the course is to raise awareness about the benefits of physical fitness, improve overall well-being, and provide a supportive and inclusive environment for all students. This course is repeatable.





# Science

# SCIENCE

Code	Course	Grade	Sem	Credit	Career Pathways
3120	CP Biology	9	2	1.0	 
3130	Honors Biology*	9	2	1.0	 
3340	AP Biology**	10-12	2	1.0	 
3220	CP Physical Science	10	2	1.0	  
3320	CP Chemistry	10-12	2	1.0	  
3230	Honors Chemistry*	10-11	2	1.0	  
3640	AP Chemistry**	11-12	2	1.0	 
3310	Earth and Environmental Science	11-12	2	1.0	
3420	CP Physics	11-12	2	1.0	 
3430	Honors Physics*	11-12	2	1.0	 
3530	AP Physics C: Mechanics**	11-12	2	1.0	
3540	AP Physics C: Electricity & Magnetism**	12	2	1.0	
3513	CP Astronomy	11-12	1	0.5	
3620	CP Nutritional Biochemistry	11-12	2	1.0	  
3710	CP Human Body Systems	10-12	2	1.0	   
3713	CP Forensic Science	10-12	1	0.5	 
3720	CP Medical Interventions	11-12	2	1.0	   
3810	Introduction to Engineering Design	9-12	2	1.0	
3830	Honors Principles of Engineering*	10-12	2	1.0	
3850	CCP Foundations of Engineering Design I**	11-12	2	1.0	
3860	CCP Foundations of Engineering Design II**	12	2	1.0	

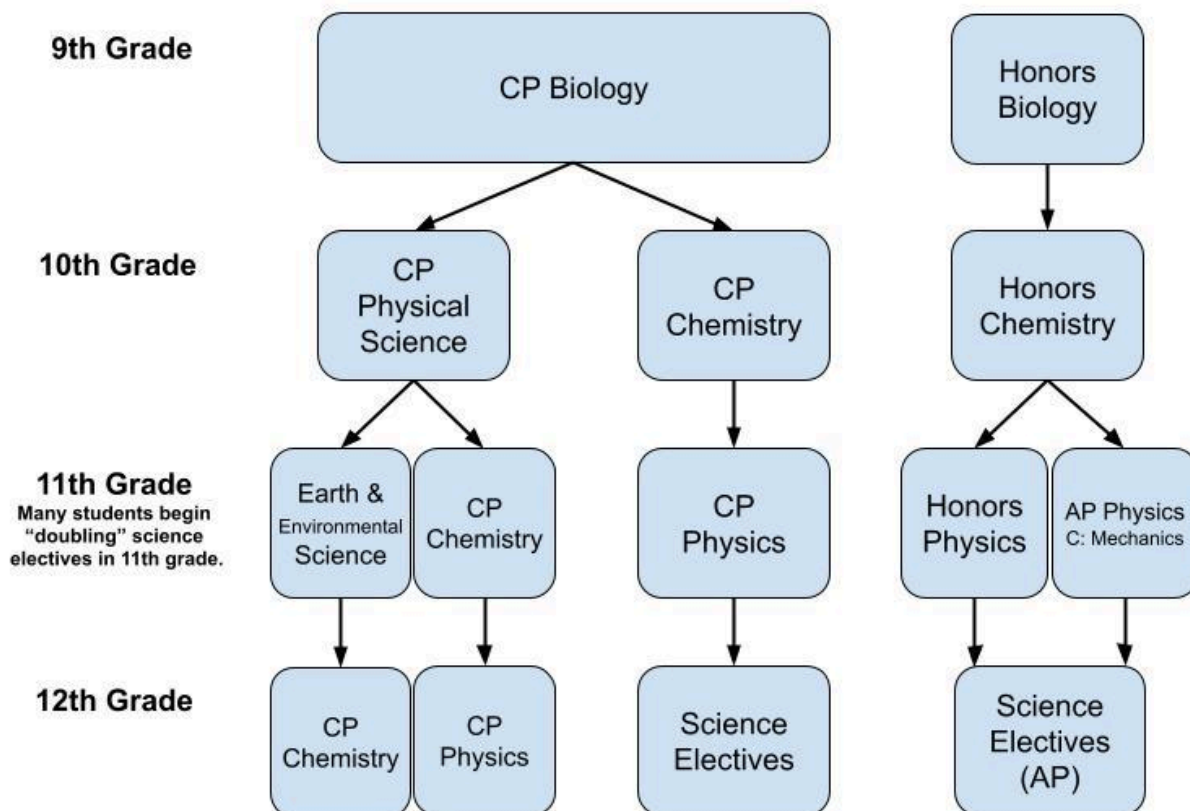
\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

See “Science Progressions” on next page

# CORE Science Progressions

The pathways below indicate the *most common* course progressions that students take in high school. Students are not “tracked;” they have the ability to move from one pathway to another, from one year to the next (e.g. CP Biology followed by Honors Chemistry). Three science credits are required for graduation (see “Graduation Requirements” for more info.)



**College Preparatory Pathway:** It is advised for students who plan to attend college to complete Biology, Chemistry, and Physics during high school.

**Science Electives:** Many students take these courses in addition to those listed above. The below courses may be taken during the grade levels listed:

Pre-Engineering	Biomedical	Other	Advanced Placement
1: Intro to Engineering Design (9-12)	1: Human Body Systems (10-12)	Forensic Science (one sem.; 10-12)	AP Biology (10-12)
2: Principles of Engineering (10-12)	2: Medical Interventions (11-12)	Astronomy (one sem.; 11-12)	AP Chemistry (11-12)
3: Engineering Applications (11-12)		Nutritional Biochemistry (11-12)	AP Physics C: Mechanics (11-12)
			AP Physics C: Elec. & Mag. (12)



## CP BIOLOGY

**Grade Level:** 9  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### Description:

This course is a survey course in biology for freshmen. Students will focus on several areas of biology including the cell and its functions, biochemistry, genetics, ecology, weather and current events in biology. In addition to class readings and discussions, students will participate in a variety of labs and other hands-on activities in order to gain knowledge of these subject areas.

**Fee: This course requires a student fee.**

## HONORS BIOLOGY\*

**Grade Level:** 9  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### Description:

This is a fast-paced course that requires students to use critical thinking skills and apply them to classroom activities, lab experiences and discussions of current events. This is an introductory course in biology that will cover topics such as the cell structure and function, genetics, classification, and the diversity of life. Students may be required to participate in the district science fair or complete an equivalent project.

**Fee: This course requires a student fee.**

## AP BIOLOGY\*\*

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Biology and teacher recommendation  
**Co-Requisite:** Chemistry

### Description:

AP Biology is equivalent to an introductory collegiate general biology course and is designed for those students who have a strong interest in the life sciences. This course includes advanced instruction of topics covered in Biology such as basic chemistry, cellular structure and function, genetics, evolution, ecology and classification. New

topics include: organic chemistry, membrane structure and function, molecular genetics, cell communication and human biology. The goal of this course is to prepare students to take the Advanced Placement Biology Exam.

**Fee: This course requires a student fee + AP Exam fee.**

### CP PHYSICAL SCIENCE

**Grade Level:** 10

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra I and teacher recommendation

**Description:**

A college preparatory course intended for sophomores, this course covers the fundamentals of the physical sciences: chemistry, physics, earth and space science. Students will have the opportunity to design their own experiments and carry out laboratory investigations on the various topics explored in this course; which include atomic structure, chemical bonding and reactions, stars, laws of motion, energy, waves, and electricity.

**Fee: This course requires a student fee.**

### CP CHEMISTRY

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Algebra I and teacher recommendation

**Co-Requisite:** Geometry

**Description:**

This is a course for the college-bound student covering basic chemical theory and laboratory skills. Topics covered include atomic structure, chemical formulas and equations, stoichiometry, energy changes, chemical bonding, gas laws, and acids and bases. This course is designed to engage students in activities and laboratory experiences that emphasize real world applications of chemistry.

**Fee: This course requires a student fee.**

## HONORS CHEMISTRY\*

<b>Grade Level:</b>	10, 11
<b>Course Credit:</b>	1 credit, two semesters
<b>Prerequisite:</b>	Algebra I and teacher recommendation
<b>Co-Requisite:</b>	Geometry

### **Description:**

This is an advanced level first-year chemistry course for science-motivated students. Topics include identification of elements, compounds and mixtures, metric system, density, writing of chemical formulas and equations, stoichiometry, energy changes, gas laws, periodic law, chemical bonding, relationships between phases of matter, water solutions, ionization, acids, bases and salts. The course will emphasize challenging laboratory experiments, critical thinking and problem-solving. A strong background in honors mathematics is highly recommended.

**Fee: This course requires a student fee.**

## AP CHEMISTRY\*\*

<b>Grade Level:</b>	11, 12
<b>Course Credit:</b>	1 credit, two semesters
<b>Prerequisite:</b>	Chemistry and teacher recommendation
<b>Co-Requisite:</b>	Algebra II

### **Description:**

AP Chemistry is equivalent to an introductory collegiate general chemistry course and is designed to enable students to be successful on the Advanced Placement Examination in Chemistry. Students should expect extensive writing assignments and labs and more rigorous mathematical treatment of topics than in the first-year chemistry course. Many topics from the first-year chemistry course will be studied in more depth. New topics will include: reaction kinetics, electrochemistry, non-ideal equilibria, complex equilibria and thermodynamics. Students are required to attend and complete the necessary lab components of the course.

**Fee: This course requires a student fee + AP Exam fee.**

## EARTH AND ENVIRONMENTAL SCIENCE

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### **Description:**

This is the 3rd course in a series of biology, physical science and earth science needed for graduation. This course will explore a broad range of general topics in earth and environmental science. Students will learn about a variety of topics including rocks, minerals, plate tectonics, weather, oceans, climate resources, pollution, and energy.

**Fee: This course requires a student fee.**

## CP PHYSICS

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Geometry and teacher recommendation  
**Co-Requisite:** Algebra II or equivalent

### **Description:**

This course is designed as a survey of physics with an emphasis on the application of mathematics to model the physical world. A solid foundation in algebra and strong graphing skills are necessary. Topics studied include motion, forces, principles of work, energy and momentum, sound, light, atomic and nuclear physics, electricity and magnetism.

**Fee: This course requires a student fee.**

## HONORS PHYSICS\*

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Geometry and teacher recommendation  
**Co-Requisite:** Algebra II or equivalent

### **Description:**

This course emphasizes the techniques of problem solving and laboratory investigation. The topics to be covered include: motion, forces, principles of work, energy and momentum, sound, light, atomic and nuclear physics, electricity and magnetism.

Theoretical concepts will be related to practical applications. This course is recommended for science and math oriented students. Strong math skills are needed.

**Fee: This course requires a student fee.**

### **AP PHYSICS C: MECHANICS\*\***

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Co-Requisite:** AP Precalculus

#### **Description:**

AP Physics C: Mechanics is equivalent to a first-semester college course in calculus-based physics. The course covers kinematics, Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, momentum, oscillations and gravitation. Introductory calculus skills are taught as a part of the course and used throughout the year. The goal of this course is to prepare students to take the Advanced Placement Physics C: Mechanics Exam.

**Fee: This course requires a student fee + AP Exam fee.**

### **AP PHYSICS C: ELECTRICITY AND MAGNETISM\*\***

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** AP Physics C: Mechanics and teacher recommendation

**Co-Requisite:** AP Calculus AB or AP Calculus BC

#### **Description:**

AP Physics C: Electricity and Magnetism is equivalent to a second-semester college course in calculus-based physics. The course covers electrostatics, electric circuits and magnetism. Advanced calculus skills are developed and used throughout the course. The goal of this course is to prepare students to take the Advanced Placement Physics C: Electricity and Magnetism Exam.

**Fee: This course requires a student fee + AP Exam fee.**

## CP ASTRONOMY

**Grade Level:** 11, 12  
**Course Credit:** 0.5 credit, one semester  
**Prerequisite:** Physical Science or Chemistry

### **Description:**

This one-semester course is for any student interested in the universe and how it works on an astronomical scale. Students will learn basic astronomy skills like stargazing, charting and identifying constellations, using optical telescopes, using radio-telescopes, as well as others. The history and development of astronomy and astronomical tools will also be discussed. A portion of the semester will be dedicated to the study of the origin, evolution, and fate of the universe as a whole. This course will apply appropriate mathematical investigations for each topic and is designed to be accessible to a diverse population of math abilities. This class will meet at night at least once during the semester and friends/families are invited to attend.

**Fee: This course requires a student fee.**

## CP NUTRITIONAL BIOCHEMISTRY

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Chemistry and teacher recommendation

### **Description:**

Nutritional Biochemistry is an elective course where students explore the science behind health, wellness, and nutrition. Students will learn about the macronutrients, micronutrients, phytochemicals, nutrition guidelines, nutrition labels, the modern food industry and food environment, agricultural practices, artificial and natural flavors, different nutrition lifestyles, sports nutrition, and lifelong wellness. Students will engage in traditional laboratory experiences, kitchen lab experiences, and taste tests.

**Fee: This course requires a student fee.**

## CP HUMAN BODY SYSTEMS

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

### **Description:**

This is the first course in the Project Lead the Way (PLTW) Biomedical Pathway. Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

**Fee:** This course requires a student fee.

## CP FORENSIC SCIENCE

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

**Prerequisite:** Biology

### **Description:**

This one semester course is an elective, inquiry-oriented science class that will focus on criminal forensics. Through a sequence of lab based activities, students will gain an understanding and appreciation of the role of science in solving crimes. Topics may include fingerprinting, entomology, pattern impressions, blood-spatter, DNA, crime scene processing, ballistics, fiber and hair analysis, document analysis, anthropology, and arson.

**Fee:** This course requires a student fee.

## CP MEDICAL INTERVENTIONS

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Human Body Systems

### **Description:**

This is the second course in the Project Lead the Way (PLTW) Biomedical Pathway. Students investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection, screen and evaluate the code in human DNA, evaluate cancer treatment options, and prevail when the organs of the body begin to fail.

Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics.

**Fee: This course requires a student fee.**

## INTRODUCTION TO ENGINEERING DESIGN

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite or**

**Co-Requisite:** Algebra I

### **Description:**

This is the first course in the Project Lead the Way (PLTW) Engineering Pathway. This course is designed to introduce the field of engineering and engineering technology to students. Here we take an idea through the design process to document its development, fabricate, test, and present it. Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software.

**Fee: This course requires a student fee.**

## HONORS PRINCIPLES OF ENGINEERING\*

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Introduction to Engineering Design OR Teacher recommendation

### **Description:**

This is the second course in the Project Lead the Way (PLTW) Engineering Pathway. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, robotics, coding, and automation. Students will employ engineering and scientific concepts as they develop skills in problem solving, research, and design and manufacturing while learning strategies for design process documentation, collaboration and presentation.

**Fee: This course requires a student fee.**



## CCP FOUNDATIONS OF ENGINEERING DESIGN THINKING I 1100\*\*

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Teacher recommendation, Intro to Engineering Design AND either

- Honors Principles of Engineering; or
- AP Computer Science Principles or AP Computer Science A; or
- AP Physics
- Entrance into the University of Cincinnati

### **Description:**

Is a CCP course at the University of Cincinnati that introduces students to fundamental engineering design concepts, emphasizing creativity, problem-solving methodologies, and teamwork through hands-on projects, while also exposing them to various engineering disciplines and relevant societal issues; it focuses on developing skills in design thinking, project management, communication, and utilizing modern engineering tools like CAD software. Additionally, this course will require students to work in teams on various (student and teacher) directed engineering projects. Students will apply and further develop the skills they have learned in prerequisite engineering classes as well as learn new skills to further their understanding of the Engineering Design Process. Students will use various resources and skills such as Vex Robotics, Arduino boards, Autodesk Inventor (or comparable 3D modeling software), various programming languages, documentations, communication and presentation skills, 3D printing and CNC machining to resolve real world problems.

**Fee: This course requires a student fee.**

## CCP FOUNDATIONS OF ENGINEERING DESIGN THINKING II 1120\*\*

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** FHSD Teacher Recommendation, ENED 1100 & Entrance into the University of Cincinnati.

### **Description:**

This course builds on the foundation developed in ENED 1100 by continuing to reinforce fundamental engineering/engineering technologies/CS competencies. You will continue to develop a holistic approach to integrating multiple disciplines to facilitate your ability to construct innovative and quantitatively rigorous engineering solutions. Finally, you will extend your skill development in project management, engineering fundamentals, sustainability, written, oral and graphical communication, logical thinking, and modern engineering tools (e.g., Excel, Python, LabVIEW, MATLAB, Visual Basic, CAD, Rapid Prototyping).

**Fee: This course requires a student fee.**



# Social Studies

# SOCIAL STUDIES

Code	Course	Grade	Sem	Credit	Career Pathways
4120	CP Modern World History	9	2	1.0	
4130	Honors Modern World History*	9	2	1.0	
4113	CP World Cultures	9-12	1	0.5	
4140	AP Human Geography**	9-12	2	1.0	
4213	CP America After 9/11	10-12	1	0.5	
4220	CP U.S. History	10	2	1.0	
4240	AP U.S. History**	10-12	2	1.0	
4313	CP World War II	10-12	1	0.5	
4340	AP European History**	11-12	2	1.0	
4413	CP American Government	11-12	1	0.5	
4443	AP U.S. Government and Politics	11-12	2	1	
4513	CP Psychology	10-12	1	0.5	
4540	AP Psychology**	10-12	2	1.0	
4643	AP Macroeconomics**	10-12	1	0.5	
4813	CP Sociology	10-12	1	0.5	
4350	CCP World History II**	11-12	2	1	

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

## **CP MODERN WORLD HISTORY**

**Grade Level:** 9

**Course Credit:** 1 credit, two semesters

### **Description:**

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, and the effects of global interdependence. Students will build upon previously learned historical thinking skills by locating and analyzing primary and secondary sources from multiple perspectives then drawing conclusions.

## **HONORS MODERN WORLD HISTORY\***

**Grade Level:** 9

**Course Credit:** 1 credit, two semesters

### **Description:**

In addition to the historical content covered in CP Modern World History, this course will include an introduction to the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. Significant differences from the CP Modern World History course include an introduction to AP level essay writing and critical analysis of primary and secondary documents. This course may require the purchase of supplemental reading materials.

## **WORLD CULTURES**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 0.5 credit, one semester

### **Description:**

This course will examine the cultures of the world from the ancient world to the modern day. Specific geographical targets include North and South America, Europe, Africa, the Middle East and Asia. Students will use 21st Century skills to draw comparisons and connections from ancient civilizations to the modern era. Students will explore the influences of religion, economics, conflict and political structures.

## **AP HUMAN GEOGRAPHY\*\***

<b>Grade Level:</b>	9, 10, 11, 12
<b>Course Credit:</b>	1 credit, two semesters
<b>Prerequisite:</b>	Teacher recommendation
<b>Co-Requisite:</b>	Honors English I (for Grade 9 only)

### **Description:**

This is a college level geography course designed to prepare students for success on the AP exam. Students should enter this course with exceptional essay writing skills. Students should also have experience with analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences.

**Fee: This course requires a fee for the AP Exam.**

## **AMERICA AFTER 9/11**

<b>Grade Level:</b>	10, 11, 12
<b>Course Credit:</b>	0.5 credit, one semester

### **Description:**

This course will examine the major themes of 21st Century U.S. history including a combination of historical events and ongoing social issues. Students will examine economic, social and geopolitical topics including but not limited to: America's role as a world power, 9/11 and the War on Terror, immigration, the impact of technology on the economy and society, race and culture, and the origins of modern American politics.

## **CP U.S. HISTORY**

<b>Grade Level:</b>	10
<b>Course Credit:</b>	1 credit, two semesters

### **Description:**

This course examines the history of the United States of America from the founding period to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's

citizens is the foundation of this course. Students will build upon previously learned historical thinking skills by locating and analyzing primary and secondary sources from multiple perspectives then drawing conclusions. This course is designed to help students reach proficiency (a 3 or higher) on the state of Ohio's end-of-course exam.

**Fee: This course requires a student fee.**

### **AP U.S. HISTORY\*\***

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation  
**Co-Requisite:** Honors English II

#### **Description:**

This course is designed to provide high performing students with a college level U.S. History course. It focuses on the development of students' abilities to think conceptually about U.S. history from approximately 1491 to the present, as well as the development of historical thinking skills such as analyzing primary and secondary sources, making historical comparisons, utilizing reasoning about contextualization, causation and continuity and change over time, and developing historical arguments. Students will learn to assess primary historical sources and weigh evidence and interpretations presented in historical scholarship. They will develop the argumentation skills necessary to present analysis and evidence clearly and persuasively and will be required to write several long essays and document-based essays. Students will be required to read a significant amount of reading from a college-level textbook as well as selected works beyond the text. This course will prepare students to take the Advanced Placement Exam. Summer reading is required.

**Fee: This course requires a student fee + AP Exam fee.**

### **CP WORLD WAR II**

**Grade Level:** 10, 11, 12  
**Course Credit:** 0.5 credit, one semester

#### **Description:**

The two world wars that were fought in the twentieth century shaped and defined today's world. This course is an in-depth look at the second of those wars, World War II, from its origins to its conclusion and legacy. The purpose of this course is to provide students with a broad view and comprehensive understanding of World War II as a global event. It will deal with the war's causes, conduct, and ultimate consequences.

These include the reshaping of the European map, the genocide of European Jews, and the world entering into the nuclear age. It will cover the war from the perspective of all the major belligerents, Axis and Allied. The dominant perspective, however, will be that of the United States; the only Allied power to play an important role in the defeat of all three Axis powers - Germany, Italy and Japan.

**Fee: This course requires a student fee.**

### AP EUROPEAN HISTORY\*\*

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

#### Description:

The AP European History course focuses on developing students' understanding of European history from approximately 1350 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning and argumentation) employed by historians when they studied the past. Students will be required to read a college textbook and related materials beyond the high school text. The course is based on the College Board requirements that will prepare the student to pass the Advanced Placement Exam. Summer reading may be required.

**Fee: This course requires a student fee + AP Exam fee.**

### CP AMERICAN GOVERNMENT

**Grade Level:** 11, 12  
**Course Credit:** 0.5 credit, one semester

#### Description:

This course includes a study of the organization and operation of the national, state and local governments. Topics to be studied are the three branches of federal government, state and local governments and current issues under the United States Constitution. This course is designed to help students reach proficiency (a 3 or higher) on the state of Ohio's end-of-course exam.

**Fee: This course requires a student fee.**



## AP U.S. GOVERNMENT AND POLITICS\*\*

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semester  
**Prerequisite:** Teacher recommendation

### Description:

This semester course is designed for students who have shown an interest in the study of government at the college level. It will include the study of general concepts used to interpret United States politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. political reality. Major topics of study will include: the constitutional underpinnings of our government, political beliefs and behaviors, political parties and interest groups, the institutions and policy processes of our national government, civil rights and civil liberties. This course will prepare students for the Advanced Placement Exam.

**Fee: This course requires a student fee + AP Exam fee.**

## CP PSYCHOLOGY

**Grade Level:** 10, 11, 12  
**Course Credit:** 0.5 credit, one semester

### Description:

This is a survey course designed to provide the student with a strong fundamental background in psychology that will be useful in everyday applications as well as in a college introductory psychology course. Major topics of study will include: behavioral history, memory, intelligence, personality development, motivation, normal and abnormal behavior, states of consciousness and mental disorders. Students will be assigned papers, projects, and experiments throughout the semester.

## AP PSYCHOLOGY\*\*

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### Description:

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena



associated with each of the major subfields within psychology. Students will also learn about the ethics and methods psychologists use in their science and practice.

**Fee: This course requires a fee for the AP Exam.**

### **AP MACROECONOMICS\*\***

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

**Prerequisite:** Teacher recommendation

#### **Description:**

The purpose of this course in macroeconomics is to provide students with an understanding of the principles of economics that apply to an economic system as a whole. This AP macro course emphasizes the study of national income and price-level determination and will also develop student familiarity with economic performance measures, financial sector stabilization policies, economic growth and international economics.

**This course fulfills the financial literacy graduation requirement.**

**Fee: This course requires a fee for the AP Exam.**

### **CP SOCIOLOGY**

**Grade Level:** 10, 11, 12

**Course Credit:** 0.5 credit, one semester

#### **Description:**

This semester course will engage students in a brief overview of the field of sociology. It will include a description of the origins of the subject itself and will challenge students to view life through the sociological perspective. This perspective encourages students to see how people, including themselves, are shaped by societal forces. The course focuses on introductory concepts, research and theories involved in increasing the understanding of human behavior and human societies. The interrelations among human societies, individuals, organizations, and groups are analyzed while numerous contemporary social problems and issues will be discussed.

## CCP World History II 1004\*\*

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semester

**Prerequisite:** FHSD Teacher Recommendation & Entrance into the University of Cincinnati













### **Description:**

This course explores world history from approximately 1500 to the current day. Key topics addressed in the course include the expansion and then contraction of European/Western power on a global scale, the rise and fall of the Atlantic slave trade and Atlantic slavery, the industrial revolution, dramatic changes in the distribution of peoples and the size of the world population, the emergence of influential modern ideologies and movements, the formation of modern states and trans-national networks, and the varieties of globalization that have shaped the world over the last five centuries.



# Teaching Professions

# TEACHING PROFESSIONS

Code	Course	Grade	Sem	Credit	Career Pathways
6801	Fundamentals of Education	9-12	1	0.5	 
6802	Schools and Community	9-12	1	0.5	 
6810	Teaching Professions Academy 1: Curriculum and Instruction	11-12	2	1.0	 
6820D	Teaching Professions Academy 2: Classroom Management (Online)	11-12	2	1.0	 
6830	Honors Teaching Professions Academy 3: Education Principles*	12	2	1.0	 
6840	Honors Teaching Professionals Academy 4: Internship - Capstone/Practicum*	12	2	1.0	 

\*Denotes Honors-level GPA boost

Teaching and Learning Fundamentals in Education is delivered through two semester-long courses which may be offered to students in grades 9-12 (with priority given to 9th and 10th graders). Fundamentals A and Fundamentals B will both be 0.5 credit and one semester in length. While students entering 9th grade are encouraged to begin either A or B, they may take both semesters in the same year or in different school years. Fundamentals A and B do not have to be taken in any particular order.

## FUNDAMENTALS OF EDUCATION

**Grade Level:** 9-12

**Course Credit:** 0.5 credit, one semester

### Description:

In this introductory class for the Teaching Professions Academy Program, students will examine the traits of successful teachers and school leaders, and determine how those traits impact the growth and development of learners. Focus will be placed on developing effective communication skills and collaboration will be a key component of the course. Students will develop an understanding of professionalism in education, the multicultural history of American Education, finance and governing of schools, and develop a philosophy of education.

## **SCHOOLS AND COMMUNITY**

**Grade Level:** 9-12

**Course Credit:** 0.5 credit, one semester

### **Description:**

In this second introductory class for the Teaching Professions Academy Program, students will examine the relationship of families, communities, and schools in the growth and development of learners. They will implement strategies to actively involve families and communities in child development and learning, determine community resources and services available to families and schools, and act as advocates for students and learning. Throughout the course, working with socially, culturally, and linguistically diverse families will be emphasized.

## **TEACHING PROFESSIONS ACADEMY 1: CURRICULUM AND INSTRUCTION**

**Grade Level:** 11-12

**Course Credit:** 1 credit, two semesters

**Co-requisite:** TPA 2: Classroom Management (Online)

### **Description:**

This course, and Teaching Professions Academy Pathway, is designed for the student who enjoys working with children through the teaching and learning process. The sequential courses in this program support the student's post-secondary Teaching Professions Academy career major. Students will develop age-appropriate learning experiences and curriculum to engage children and help them learn. They will determine curricular goals, create lesson plans, and employ grading and assessment strategies to measure targeted learning outcomes. In addition, students will develop online instruction using learning management system platforms. Students will be enrolled in the school's chapter of Educators Rising. Field trips to various colleges will be incorporated into classroom activities.

## **TEACHING PROFESSIONS ACADEMY 2:CLASSROOM MANAGEMENT (ONLINE)**

**Grade Level:** 11-12

**Course Credit:** 1 credit, two semesters

**Co-requisite:** TPA 1: Curriculum and Instruction

**Description:**

In this innovative online course that is crosswalked with Teaching and Learning Curriculum and Instruction, students will apply developmentally appropriate techniques to advance learners' social and emotional growth. They will create classroom environments to maximize the learning potential of each learner. Additionally, students will create and enforce classroom rules, establish classroom routines, and model self-discipline for learners. Conflict resolution, positive discipline and behavioral modification techniques will be emphasized throughout the course.

**TEACHING PROFESSIONS ACADEMY 3: EDUCATION PRINCIPLES\***

**Grade Level:** 12  
**Course Credit:** 1 credit, two semesters (CCP option\*\*)  
**Prerequisite:** Teaching Professions Academy 1:Curriculum and Instruction,  
**And** Teaching Professions Academy 2: Classroom Management

**Description:**

This is one of two senior-level courses in the Teaching Professions Academy Program. Students will research the historical perspectives and theories of education used in the formation of their personal educational philosophy. They will assess legal, ethical, and organizational issues and evaluate developmentally appropriate practices. Students will also address challenging issues associated with teaching children with diverse needs. In this course, students will receive instruction and support as they develop their capstone portfolio project. Career planning, professional guidelines, and ethical practices will also be emphasized. Students will be enrolled in the school's chapter of Educators Rising. Additionally, students will have the option to take this course for College Credit Plus (CCP) through Sinclair University. By completing the course, students would be eligible to earn 3 semester hours for the Introduction to Education class.

**TEACHING PROFESSIONS ACADEMY 4: CAPSTONE INTERNSHIP\***

**Grade Level:** 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teaching Professions Academy 1:Curriculum and Instruction,  
**And** Teaching Professions Academy 2: Classroom Management  
**Co-Requisite:** Teaching and Learning Education Principles

**Description:**

This is one of two second level courses in the Teaching Professions Academy Program. Students apply Teaching Professions Academy program knowledge and skills in a comprehensive and authentic way. Under the supervision of the school and through partnerships with schools in the Forest Hills School District, learners will complete internships in the primary, intermediate, middle and high school levels. Students will develop 21st Century skills directly related to success in college and professional settings. Visits to colleges with educational programs will be incorporated into the program.



















































# Visual Arts



# VISUAL ARTS

Code	Course	Grade	Sem	Credit	Career Pathways
9110	Drawing and Painting I	9-12	2	1.0	   
9120	Drawing and Painting II	10-12	2	1.0	  
9130	Honors Drawing and Painting III*	11-12	2	1.0	
9140	AP Drawing**	12	2	1.0	
9210	Sculpture and Ceramics I	9-12	2	1.0	   
9220	Sculpture and Ceramics II	10-12	2	1.0	  
9230	Honors Sculpture and Ceramics III*	11-12	2	1.0	
9240	AP 3-D Art and Design**	12	2	1.0	   
9310	Photography I	9-12	2	1.0	   
9320	Honors Photography II*	10-12	2	1.0	
9410	Digital Imaging I	9-12	2	1.0	   
9420	Digital Imaging II	10-12	2	1.0	  
9430	Honors Digital Imaging III*	11-12	2	1.0	
9440	AP 2-D Art and Design**	11-12	2	1.0	   
9510	Introduction to Film	9-12	2	1.0	 
9520	Film Studio	10-12	2	1.0	 
9530	Media Athletics Collaborative	12	2	1.0	 
9540	AP Art History**	11-12	2	1.0	 

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

## **DRAWING AND PAINTING I**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

### **Description:**

Drawing and Painting I is a two semester, hands-on, basic training course to improve both drawing and painting skills. Students will learn about the elements and principles of design, as well as how to create effective compositions through a variety of materials and techniques. There will be integration of art history throughout the course. Critical review of work during this course will be both written and verbal as students will participate in class critiques. Students will be required to keep a sketchbook throughout the course for both classwork and homework.

**Fee: This course requires a student fee.**

## **DRAWING AND PAINTING II**

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Drawing and Painting I

### **Description:**

Drawing and Painting II continues to build student skills and knowledge of a wide variety of techniques and use of materials. Students will continue to develop their own artistic style, creative self-expression and knowledge of the fundamentals. They will increase their study of art history as they explore a variety of artists and art movements throughout history. After completing this course, students will be prepared for a future in higher level art classes should they choose to continue on. Student critique will be both verbal and written. They will begin to work more independently as they begin to find their own unique art style. They will still be required to keep a sketchbook for classwork and homework. Students may choose to purchase additional supplies for this course.

**Fee: This course requires a student fee.**

### **DRAWING AND PAINTING III\***

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Drawing and Painting II

#### **Description:**

Students will begin to master their own individual artistic style as they work towards creating a cohesive body of work. They will continue to build on their knowledge of art history through the examination of many different artists and their styles. After completing this course, students will be prepared for a future in higher level art courses should they decide to continue on into AP Drawing, as well as art at the collegiate level. Students will continue to work more independently and projects will become more self-directed. Student critique will be more frequent. They will still be required to keep a sketchbook of drawings and homework assignments. Students may choose to purchase additional supplies for this course.

**Fee: This course requires a student fee.**

### **AP DRAWING\*\***

**Grade Level:** 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Drawing and Painting III and teacher recommendation

#### **Description:**

The AP Drawing Portfolio is designated for work that focuses on the use of mark-making, line, surface space, light and shade, and composition. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students can work with any materials, processes, and ideas. Drawing (analog and digital), painting, printmaking, and mixed media work are among the possibilities for submission. Still images from videos or films are accepted. Composite images may be submitted.

**Fee: This course requires a student fee + fee for AP Exam.**

## SCULPTURE AND CERAMICS I

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

### **Description:**

Anyone can be successful in this highly popular class. If students enjoy working with their hands, this class is a great choice. Students will learn basic hand-building clay techniques as well as glazing and other finishing processes. Completing a variety of projects using different mediums, students will learn how to make sculptures and ceramic pottery using the elements and principles of 3-D design. Students will also explore works created by sculptors and potters through the ages.

**Fee: This course requires a student fee.**

## SCULPTURE AND CERAMICS II

**Grade Level:** 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Sculpture and Ceramics I

### **Description:**

This course emphasizes self-expression and interpreting what an individual's art says about them. Students will hone in on personal technique and design skills, while still learning new techniques and working with new mediums. Students will be introduced to the pottery wheel to create a variety of functional vessels. Students will also be exploring advanced hand-building and finishing techniques. We will continue to explore historical and current three-dimensional artwork, artists, materials, and techniques.

**Fee: This course requires a student fee.**

## SCULPTURE AND CERAMICS III\*

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Sculpture and Ceramics II

### **Description:**

Students have already learned many sculptural and functional techniques and have started to create their own style. Students will be developing their voices through research and the creation of their artwork. Using prompts given by the instructor, students will design and create solutions in the method and material that best expresses their artistic styles. They will also continue to advance their skills using the pottery

wheel. Students will explore the historical and current art as it applies to their personal style and choice of medium.

**Fee: This course requires a student fee.**

### **AP 3-D ART AND DESIGN\*\***

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Sculpture and Ceramics III and teacher recommendation

#### **Description:**

AP 3-D Art and Design Portfolio is designed for work that focuses on the use of three-dimensional (3-D) elements and principles of art and design, including point, line, shape, plane, layer, form, volume, mass, occupied/unoccupied space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, connection, juxtaposition, and hierarchy. Students should consider how materials, processes, and ideas can be used to make work that involves space and form. Students can work with any materials, processes, and ideas. Figurative or non-figurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities for submission. Still images from videos or films are accepted. Composite images may be submitted.

**Fee: This course requires a student fee + fee for AP Exam.**

### **PHOTOGRAPHY I**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

#### **Description:**

Students will be introduced to the history of the photographic image and learn how to create photographs that have an impact. In doing so, you will also learn how to read images and have a better understanding of contemporary visual media. You will learn both digital and traditional methods for editing and manipulating your images, including learning the basics of Adobe Creative Suite CC. You will learn how to create fine art photography, as well as exploring professional paths. You will need access to either a digital camera, or a recent model smart phone.

**Fee: This course requires a student fee.**

## PHOTOGRAPHY II\*

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Teacher recommendation

### **Description:**

This course will expand your knowledge of the art of photography and visual culture, using both traditional and digital techniques. You will combine previously learned skills with even more creative ways to make, manipulate, and present photographic images. You will also begin to have more freedom to develop your own personal vision. Photography requires a high level of maturity and initiative because much of the work needs to be done outside of school for ideal lighting and exploring more personal subject matter. This course may be repeated for credit.

**Fee: This course requires a student fee.**

## DIGITAL IMAGING I

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters

### **Description:**

Computers and technology are driving nearly every aspect of our culture including contemporary art. In this class, students will primarily work with computers as they gain an understanding of the basic design principles used in fine art, graphic design, and animation. A variety of programs including Adobe Photoshop, Adobe Illustrator and free online resources will be introduced to students to use as they make choices on how to develop their creative skills and better understand styles of art. This is an essential class for future art majors to stay up-to-date in the digital age.

**Fee: This course requires a student fee.**

## DIGITAL IMAGING II

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Digital Imaging

### **Description:**

This class is an enrichment opportunity for digital imaging students. The course uses a variety of computer-based media, digital tools and other design media. Students will build upon previously learned skills in fine art, graphic design and animation as they

work toward becoming more effective visual communicators and consumers. Throughout the course, students will refine their knowledge of Adobe Photoshop and Adobe Illustrator as well as various free online tools. Students will learn to plan some of their own independent projects throughout the year in addition to teacher-led assignments. By the end of this course, students should leave with a variety of artworks in their digital portfolios that can be used to showcase their work during college, vocational training, and job-related interviews. This is an essential class for art majors to stay up-to-date in the digital age. This course teaches essential skills which can transfer to disciplines such as engineering, architecture and business.

**Fee: This course requires a student fee.**

### **DIGITAL IMAGING III\***

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Digital Imaging and Digital Imaging II

#### **Description:**

The primary goal of this course is for Digital Imaging 3 students to determine the criteria used in the personal selection of art for an accomplished portfolio as students demonstrate skilled artisanship to complete a collection of student-choice projects. With these projects, students will be expected to broaden their selection of materials and techniques while demonstrating technical skill. Students will conceptualize personally relevant ideas and expand visual literacy strategies using carefully selected elements and principles of art to express personal expression. Students will have access to Adobe Photoshop and Illustrator in addition to free online software in order to plan and create their projects.

Students will learn skills in observation, analysis and communication about their finished projects as well as projects created by their peers. By the end of this course, students should have developed a variety of artworks in their digital portfolios that can be used to showcase their work during college, vocational training, and job-related interviews. This is an essential class for art majors to stay up-to-date in the digital age. This course teaches essential skills which can transfer to disciplines such as graphic design, engineering, animation, architecture and business.

**Fee: This course requires a student fee.**

## AP 2-D ART AND DESIGN\*\*

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** 2 credits of art and teacher recommendation

### **Description:**

AP 2-D Art and Design Portfolio Exam: This portfolio is designated for work that focuses on the use of two-dimensional (2-D) elements and principles of art and design, including point, line, shape, plane, layer, form, space, texture, color, value, opacity, transparency, time, unity, variety, rhythm, movement, proportion, scale, balance, emphasis, contrast, repetition, figure/ground relationship, connection, juxtaposition and hierarchy. Students should consider how materials, processes, and ideas can be used to make work that exists on a flat surface. Students can work with any materials, processes and ideas. Graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking are among the possibilities for submission. Still images from videos or films are accepted. Composite images may be submitted.

**Fee: This course requires a student fee + fee for AP Exam.**

## INTRODUCTION TO FILM

**Grade Level:** 9, 10, 11, 12  
**Course Credit:** 1 credit, two semesters

### **Description:**

Description: Students will engage with the medium of Film (Media Arts) by learning what it takes to make a movie. Students will first learn about the art of filmmaking and then learn all about the equipment necessary to make a film. Students will then begin to make projects which include: commercials, PSA's, comedy sketches, music videos and narratives. Students will also view films and be asked to do a critical analysis of the films which will help them to constructively discuss film as a modern medium of storytelling.

**Fee: This course requires a student fee.**



## FILM STUDIO

**Grade Level:** 10, 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Introduction to Film

### **Description:**

Students will continue their journey into filmmaking by focusing on projects for the school, community and for themselves. Students will use the skills and knowledge gained in Introduction to Film to work on projects that will enhance and promote the vision of the Film Department and allow students to find their voice as a storyteller through film. Students in this course will be required to do larger projects and perhaps use school time in order to make films for the district. This course may be repeated for credit.

**Fee:** This course requires a student fee.

## MEDIA ATHLETICS COLLABORATIVE

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Introduction to Film, Photography I, or Digital Imaging I

### **Description:**

This course expands students' knowledge of Media Arts by focusing on Athletics and the business of Sports Marketing. Students will be put in various positions including graphic designer, photographer, cinematographer, communications, and music development. We will focus on various athletics during each season and create media that will be shared with the community, as well as, create a collegiate portfolio of your work. In addition, an interview will be required to find your position within the program. This course may be repeated for credit.

**Fee:** This course requires a student fee.

## AP ART HISTORY\*\*

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** History, Art or English teacher recommendation

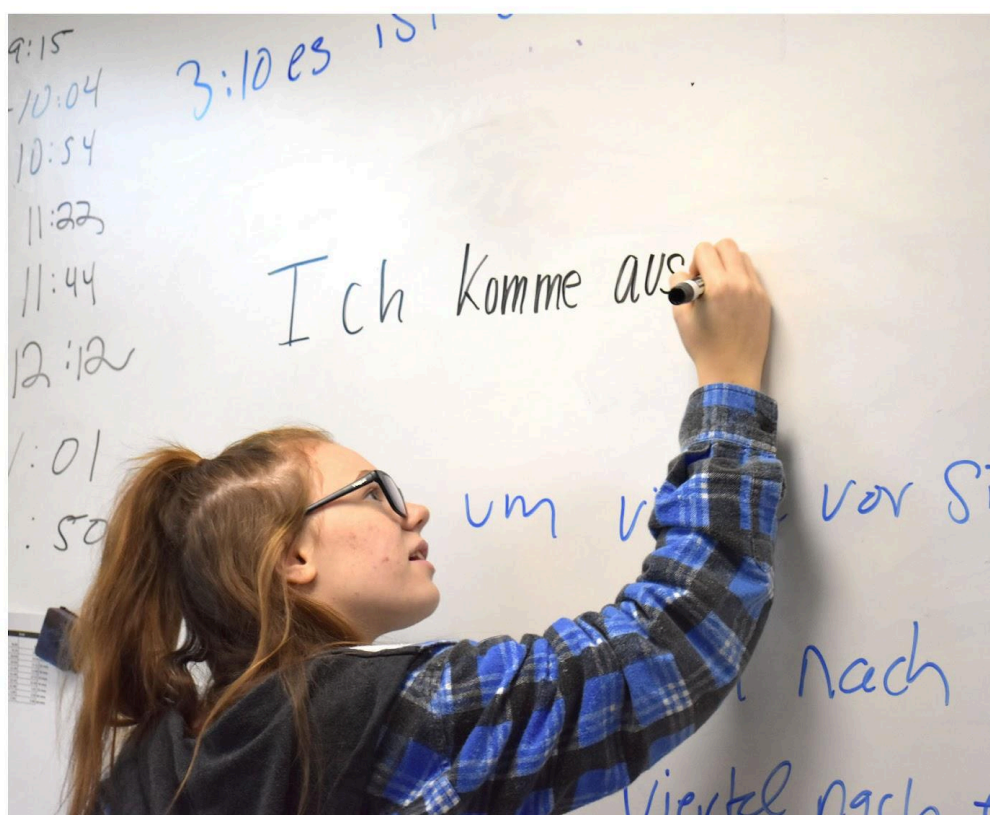
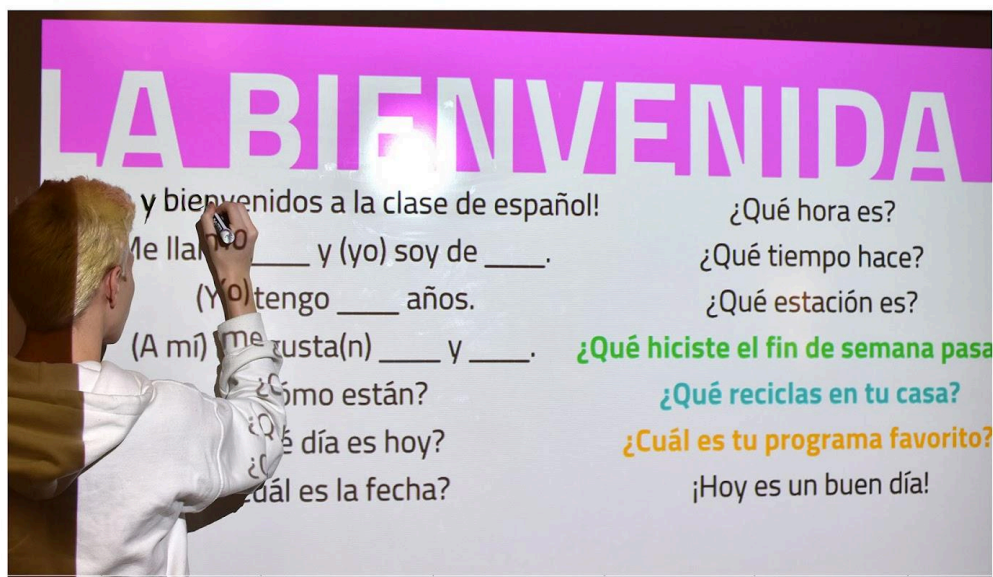
### **Description:**

The AP Art History course gives the serious student the opportunity to explore the history of art from ancient times to the present. The visual language of humans illuminates each age and culture more clearly than any other form of communication.

Through readings, research, viewing images and videos, virtual and real visits to art museums and galleries, students will come to know the significant artists and artworks from diverse historical and cultural contexts. We will examine the development of trends, movement and events in art and will see how they reflected or affected the times in which they occurred. Writing skills will be important in the description, analysis and comparison of these works. Students will be asked to look, research, discuss and write about art in relation to such issues as patronage, gender, politics, religion and ethnicity. They will be expected, through carefully structured assignments, to exhibit an extensive scholarship in conjunction with these experiences in preparation for the AP Art History exam.

**Fee: This course requires a student fee + AP Exam fee.**

# World Languages



# WORLD LANGUAGE

Code	Course	Grade	Sem	Credit	Career Pathways
5110	CP Mandarin I	9-12	2	1.0	
5120	CP Mandarin II	9-12	2	1.0	
5130	Honors Mandarin III*	10-12	2	1.0	
5140	CCP Chinese (Mandarin)**	11-12	2	1.0	
5150	AP Chinese: Language and Culture**	11-12	2	1.0	
5210	CP German I	9-12	2	1.0	
5220	CP German II	9-12	2	1.0	
5230	Honors German III*	10-12	2	1.0	
5240	CCP German 2001**	11-12	2	1.0	
5250	AP German: Language and Culture**	11-12	2	1.0	
5310	CP Spanish I	9-12	2	1.0	
5320	CP Spanish II	9-12	2	1.0	
5330	Honors Spanish III*	10-12	2	1.0	
5340	CCP Spanish 1002**	11-12	2	1.0	
5350	AP Spanish: Language and Culture**	11-12	2	1.0	

\*Denotes Honors-level GPA boost

\*\*Denotes AP-level GPA boost

**A NOTE TO STUDENTS:** At all levels of study, the teacher uses the target language extensively and encourages the students to do so. In addition, the teacher provides opportunities to communicate in the target language in meaningful and purposeful activities that simulate real-life situations. Activities that develop skills enable students to participate successfully. Time devoted to listening, speaking, reading and writing is appropriate to course objectives and to the language skills of students. Culture is systematically incorporated into instruction which enables students to develop positive attitudes toward cultural diversity.

The teacher uses explicit error correction in activities that focus on accuracy and implicit or no error correction in activities which focus on communication. The teacher also establishes an effective climate in which the students feel comfortable taking risks.

**Prerequisites:**

To be successful in a world language, a student must be willing to study daily, complete daily homework assignments and memorize vocabulary. World Languages are taught sequentially. Each course offers one credit. Upon completion of a level, students are eligible to enroll in the next level.

**LEVEL I**

**Grade Level:** 9, 10, 11, 12

**Course Credit:** 1 credit, two semesters

**Description:**

In Level I, students are introduced to culture, basic vocabulary, grammar and pronunciation which are keys to building a foundation in reading, writing and speaking. The curriculum includes basic communicative skills in listening, speaking, reading and writing. **These courses are recommended for 9th grade students or older that read and perform language arts skills on or above grade level.** Upon completion of the level, students are eligible to enroll in the next course if they perform at or above expected proficiency level and should have a strong interest in continuing the study of the language.

**Fee:** These courses require a student fee.

## LEVEL II

<b>Grade Level:</b>	9, 10, 11, 12
<b>Course Credit:</b>	1 credit, two semesters
<b>Prerequisite:</b>	Level I or equivalent proficiency test shown, achievement at or above expected proficiency

### **Description:**

In Level II, students will continue to develop the skills learned in the first year. The emphasis is on developing a broader range of vocabulary and more complex sentence structure. Students who have successfully completed Level I or who have demonstrated proficiency as determined through a language proficiency test or through teacher recommendation and have a strong desire to continue the language are eligible to take this course.

**Fee: These courses require a student fee.**

## LEVEL III\*

<b>Grade Level:</b>	10, 11, 12
<b>Course Credit:</b>	1 credit, two semesters
<b>Prerequisite:</b>	Level II or above expected proficiency level on assessment

### **Description:**

This honors-level course is recommended for students who are motivated to move toward an intermediate level of proficiency. These honors courses are designed to help prepare students to be able to use the language for daily use, as well as improve their listening, reading and writing skills. These courses also help prepare students for university placement tests. Students will be expected to use the language and practice communicating in spoken and written forms. Students who have successfully completed Level II or who have demonstrated proficiency as determined from a language proficiency test or teacher recommendation are eligible to take this course. This course is recommended for college-bound students who plan to take university placement tests in a world language. Successful completion of this course is one of the requirements for an Ohio Honors Diploma.

**Fee: These courses require a student fee.**

## ADVANCED LANGUAGES\*

Advanced languages are for students who are motivated to continue the study of languages. These honors courses are designed to help prepare students for university placement tests. Many university world language departments offer placement test options for all students which may allow them to test out of lower level language

requirements and for which they may receive university credit. Recommendation from a World Language teacher is encouraged as well as a strong interest in continuing the study of the language.

## **MANDARIN**

**Grade Level:** 11, 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Level III

### **Description:**

**Advanced Mandarin Conversation and Structure\*** is designed to enable students to participate extensively in the life of the Chinese society. Students will be able to discuss, compare and contrast, support, or persuade an opinion in various topics. Grammar and writing skills will be refined in the context of cultural studies. Students will demonstrate understanding about the details of authentic texts.

**Fee: This course requires a student fee.**

**Grade Level:** 12  
**Course Credit:** 1 credit, two semesters  
**Prerequisite:** Conversation and Structure

### **Description:**

**AP Chinese Language and Culture\*\*** emphasizes communication by applying the interpersonal, interpretive and presentation modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies and cultural awareness. The AP Chinese Language and Culture Course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Chinese.

**Fee: This course requires a student fee + AP Exam fee.**

## **CCP Chinese (Mandarin) 2001\*\***

**Grade Level:** 11 & 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Mandarin I, II, III, FHSD Teacher Recommendation & Entrance into the University of Cincinnati

**Description:** Vocabulary, grammar, and some lectures are learned primarily online and independently outside the classroom. Students will actively participate in communicative activities, tasks and cultural exploration during on-campus face to face class time. This course counts toward the foreign language requirement.

## **GERMAN**

**Grade Level:** 11, 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Level III

### **Description:**

**Advanced German Conversation and Structure\*** provides students with opportunities to study current and historical topics and culture in German-speaking countries. Students will continue to learn vocabulary and structures vital to communication. They will improve their ability to understand and apply the German language in written and spoken form through consistent use of the language in class. Topics covered will include family relations, media, art, science and business.

**Fee:** This course requires a student fee.

**Grade Level:** 12

**Course Credit:** 1 credit, two semesters

**Prerequisite:** Conversation and Structure

### **Description:**

**AP German Language and Culture\*\*** emphasizes communication by applying the interpersonal, interpretive, and presentation modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies and cultural awareness. The AP German Language and Culture Course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in German.

**Fee:** This course requires a student fee + AP Exam fee.



**CCP German 2001\*\*****Grade Level:** 11 & 12,**Course Credit:** 1 credit, two semesters**Prerequisite:** German I, II, III, FHSD Teacher Recommendation & Entrance into the University of Cincinnati

**Description:** This is the first course in a two-semester sequence for students who have completed the language requirement and wish to develop and expand their knowledge of basic linguistic functions and German culture. Direct instruction in language and culture is paired with communicative activities which develop linguistic skills as well as intercultural competence.

**SPANISH****Advanced Spanish Conversation and Structure\*****Grade Level:** 11, 12**Course Credit:** 1 credit, two semesters**Prerequisite:** Level III**Description**

This course provides students with an opportunity to speak, read, and write in Spanish as the class focuses on authentic Spanish materials. Students will systematically review grammar structures and expand vocabulary to increase effectiveness in communication.

**Fee:** This course requires a student fee.

**AP Spanish Language and Culture\*\*****Grade Level:** 12**Course Credit:** 1 credit, two semesters**Prerequisite:** Advanced Spanish Conversation and Structure**Description:**

AP Spanish Language and Culture emphasizes communication by applying the interpersonal, interpretive, and presentation modes of communication in real-life situations. This includes vocabulary usage, language control, communication strategies and cultural awareness. The AP Spanish Language and Culture Course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

**Fee:** This course requires a student fee + AP Exam fee.

**CCP Spanish 1002\*\*****Grade Level:** 11 & 12**Course Credit:** 1 credit, two semesters**Prerequisite:** Spanish I, II, III, FHSD Teacher Recommendation & Entrance into the University of Cincinnati

**Description:** This is a second course in a two-course sequence of intensive basic Spanish language and culture: further emphasis in speaking, listening, reading, writing and Spanish-speaking cultures. In addition to learning through communicative activities in the classroom, students engage in basic conversation. This course fulfills the foreign language requirement. Completion of the 1001-1002 sequence fulfills various college language requirements.

# FOREST HILLS SCHOOL DISTRICT 2025-2026

## COURSE LISTING

### **Business**

6013	Financial Literacy	0.5
6013D	Financial Literacy (Online)	0.5
6113	Intro to Business	0.5
6213	Entrepreneurship	0.5
6410	Business Management I	1.0
6420	Business Management II	2.0
6710	Marketing I	1.0
6713	Marketing Principles	0.5
6720	Marketing II	2.0

### **College and Career Readiness**

6523	College & Career Readiness	0.5
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### **Computer Science**

8513	Applied Computer Skills	0.5
8523	Programming	0.5
8540	AP Computer Science Principles**	1.0
8640	AP Computer Science A**	1.0
8740	Adv. Studies in Comp. Science*	1.0

### **English Language Arts**

1120	CP English I	1.0
1130	Honors English I*	1.0
1220	CP English II	1.0
1240	AP Seminar: English II**	1.0
1320	CP English II	1.0
1340	AP English: Language & Comp.**	1.0
1410	CP Career English IV (AHS only)	1.0
1420	CP English IV	1.0
1440	AP English: Literature & Comp.**	1.0
1511	Books: Personal Choices	0.5
1512	Creative Writing	0.5
1522	Creative Writing II	0.5
1540	Eng. Comp. (CCP)**	1.0
1613	Introduction to Journalism	1.0
1620	Adv. Journalism: Newspaper (AHS)*	1.0
1630	Adv. Journalism: Yearbook*	1.0

### **Family and Consumer Sciences**

7113	Nutrition and Healthy Lifestyles	0.5
7213	Creative and Safe Cooking	0.5
7313	Child Development	0.5

7513	Career and Life Planning	0.5
7613	Global Foods	0.5
7713	Fashion Design and Selection	0.5

### **Mathematics**

2120	Algebra I (CP)	1.0
2220	Geometry (CP)	1.0
2230	Geometry* (H)	1.0
2310	Statistics and Probability	1.0
2320	Algebra II (CP)	1.0
2330	Algebra II* (H)	1.0
2420	Pre-Calculus (CP)	1.0
2440	AP Pre-Calculus**	1.0
2510	Applied Mathematics	1.0
2520	Intro to College Mathematics (CP)	1.0
2620	Survey of College Stats. and Calc.	1.0
2640	AP Statistics**	1.0
2740	AP Calculus AB**	1.0
2840	AP Calculus BC**	1.0
2340	AP Research**	1.0

### **Performing Arts**

9610	Tenor/Bass Choir	1.0
9620	Treble Choir	1.0
9630	AHS/THS Singers	1.0
9640	AP Music Theory**	1.0
9650	Chamber Choir*	1.0
9710	Concert Band	1.0
9711	Marching Band	0.25
9720	Percussion	1.0
9730	Wind Ensemble*	1.0
9740	Percussion*	1.0
9810	Concert Orchestra	1.0
9830	Chamber Orchestra*	1.0
9910	Introduction to Theatre	1.0
9920	Advanced Theatre Studio	1.0
9930	Technical Theatre	1.0

### **Physical Education / Health**

0123	Health and Wellness	0.5
0213	Fundamentals Phys. Ed.	0.25
0243	Competitive Games	0.25

0253	Strength Training & Conditioning	0.25	6810	TPA: Curr & Instruction	1.0
0263	Leisure Games and Activities	0.25	6820D	TPA: Classroom Mgt	1.0
0273	Officiating	0.25	6830	TPA: Educ Principles *(H)	1.0
0223	Unified Physical Education	0.25	6840	TPA: Capstone/Practicum *(H)	1.0
<b>Science</b>			<b>Visual Arts</b>		
3120	Biology (CP)	1.0	9110	Drawing and Painting I	1.0
3130	Biology* (H)	1.0	9120	Drawing and Painting II	1.0
3340	AP Biology**	1.0	9130	Drawing and Painting III*	1.0
3220	Physical Science (CP)	1.0	9140	AP Drawing**	1.0
3230	Chemistry* (H)	1.0	9210	Sculpture and Ceramics I	1.0
3320	Chemistry (CP)	1.0	9220	Sculpture and Ceramics II	1.0
3640	AP Chemistry**	1.0	9230	Sculpture and Ceramics III*	1.0
3310	Earth and Environmental Science	1.0	9240	AP 3-D Art and Design**	1.0
3420	Physics (CP)	1.0	9310	Photography I	1.0
3430	Physics* (H)	1.0	9320	Photography II*	1.0
3530	AP Physics C: Mechanics**	1.0	9410	Digital Imaging I	1.0
3540	AP Physics C: Electricity & Magn.**	1.0	9420	Digital Imaging II	1.0
3513	Astronomy (CP)	0.5	9430	Digital Imaging III*	1.0
3620	Nutritional Biochemistry (CP)	1.0	9440	AP 2-D Art and Design**	1.0
3710	Human Body Systems (CP)	1.0	9510	Introduction to Film	1.0
3713	Forensic Science (CP)	0.5	9520	Film Studio	1.0
3720	Medical Interventions (CP)	1.0	9530	Media Athletics Collaborative	1.0
3810	Intro to Engineering Design (CP)	1.0	9540	AP Art History**	1.0
3830	Principles of Engineering (H)*	1.0	<b>World Languages</b>		
3850	Found. of Eng. Design I (CCP)**	1.0	5110	Mandarin I (CP)	1.0
3860	Found. of Eng. Design II (CCP)**	1.0	5120	Mandarin II (CP)	1.0
<b>Social Studies</b>			5130	Mandarin III* (H)	1.0
4120	Modern World History (CP)	1.0	5140	CCP Chinese (Mandarin-CCP)**	1.0
4130	Modern World History* (H)	1.0	5150	AP Chinese: Language & Culture**	1.0
4113	World Cultures (CP)	0.5	5210	German I (CP)	1.0
4140	AP Human Geography**	1.0	5220	German II (CP)	1.0
4213	Modern America (CP)	0.5	5230	German III* (H)	1.0
4210	U.S. History (CP)	1.0	5240	CCP German (CCP)**	1.0
4240	AP U.S. History**	1.0	5250	AP German: Language & Culture**	1.0
4313	World War II (CP)	0.5	5310	Spanish I (CP)	1.0
4340	AP European History**	1.0	5320	Spanish II (CP)	1.0
4413	American Government (CP)	0.5	5330	Spanish III* (H)	1.0
4440	AP U.S. Government & Politics**	1.0	5340	CCP Spanish (CCP)**	1.0
4513	Social Psychology (CP)	0.5	5350	AP Spanish: Language & Culture**	1.0
4540	AP Psychology**	1.0	*Denotes Honors-level GPA boost		
4643	AP Macroeconomics**	0.5	**Denotes AP-level GPA boost		
4813	Sociology (CP)	0.5			
4350	World History II (CCP)**	1.0			
<b>Teaching Professions Academy</b>					
6801	Fundamentals of Education	0.5			
6802	Schools and Community	0.5			