

## OAKWOOD HIGH SCHOOL PROGRAM OF STUDIES - 2025-2026

The purpose of the list of course descriptions on the following pages, with the requirements for graduation, is to assist students in planning their work strategically. It is hoped that parents will take an active role in helping plan the program with their students. In many cases, personal conferences with a school counselor are helpful in determining the courses in which a student should enroll.

### GRADUATION REQUIREMENTS

ENGLISH	4	(including successful completion of research portfolio)
MATHEMATICS	4	(including Algebra II or the equivalent)
SCIENCE	3	
SOCIAL STUDIES	4	(including .5 credit each of American history, American government, and world history)
HEALTH	.5	
PHYSICAL EDUCATION	.5	(.25 per semester or PE waiver **)
FINE ARTS	1	(requirement can be met in 7 <sup>th</sup> & 8 <sup>th</sup> grade, but not for credit)
FINANCIAL LITERACY	.5	
ADDITIONAL ELECTIVES	<u>4.5-5.5</u>	
<b>TOTAL MINIMUM</b>	<b>22</b>	

\*\* Beginning with the Fall 2022 season, students were given the opportunity to earn a PE Waiver to meet the physical education graduation requirements. To earn a PE Waiver, students must participate in interscholastic athletics and/or cheerleading for two full seasons or two full years of marching band including band summer camp and submit the PE Waiver Form to the School Counseling Office prior to the beginning of the school year. With this plan, the PE graduation requirement is met but no credit will be posted to the student's transcript. Students will continue to have the option of earning transcribed credit by taking PE courses.

\*Ohio Core Requirements according to Senate Bill 311:

- Students must complete at least one year of fine arts taken any time in grades 7-12. **If taken during the 7<sup>th</sup> and 8<sup>th</sup> grades, students will meet the CORE requirement, however, they will not earn high school credit.**
- Students will earn 3 credits of science with the following emphasis: 1 physical science credit, 1 life science credit, and 1 credit in an advanced science.
- Elective units must include one sequence or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, technology, English language arts, mathematics, science, or social studies courses not otherwise required, for a total of five units.
- Mathematics units must include 1 unit of Algebra II or the equivalent of Algebra II.

In addition to earning the required credits (22 total), and completing 18 hours of senior service, students must also meet one of the three graduation pathways that show readiness for college or a job.

**Show competency** by earning a passing score (684) on Ohio's high school Algebra I and English II tests.

If a student does not earn a passing score after multiple attempts, three additional options exist to show competency:

**Option 1:** Demonstrate two Career-Focused Activities: Foundational (proficient score on WebXams, a 12-point industry credential, or a pre-apprenticeship or acceptance into an approved apprenticeship program) or Supporting (Work-based learning, earn the required score on WorkKeys, earn the OhioMeansJobs Readiness Seal).

**Option 2:** Enlist in the military. Show evidence of having signed a contract to enter a branch of the U. S. armed services upon graduation.

**Option 3:** Complete College Coursework: Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

**Show readiness** by earning two of the following diploma seals with at least one being an Ohio-designated seal (O) and no more than one being a locally-defined seal (L), choosing those that line up with individual goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to individual passions, interests and planned next steps after high school. The twelve seals a student could earn include:

OhioMeansJobs Readiness Seal (O)	Honors Diploma Seal (O)
Industry-Recognized Credential Seal (O)	Seal of Biliteracy (O)
College-Ready Seal (O)*	Technology Seal (O)
Military Enlistment Seal (O)	Community Service Seal (L)
Citizenship Seal (O)	Fine and Performing Arts Seal (L)
Science Seal (O)	Student Engagement Seal (L)

\*All students will take the ACT or SAT college-admission test (paid for by the state of Ohio) during the spring of their junior year.

## THE ACADEMIC HONORS DIPLOMA

The following criteria have been adopted by the Ohio Department of Education and Workforce (ODEW) for the Academic Honors Diploma. To be awarded the diploma, students must meet the following requirements:

- I. Successfully complete the requirements for graduation as established by the Oakwood Board of Education.
- II. Successfully meet **all but one of the following additional criteria:**
  - A. Math: Earn four units of mathematics, including Algebra I, Geometry, Algebra II or equivalent and another math course beyond Algebra II.
  - B. Science: Earn four units of science.
  - C. Social Studies: Earn four units of social studies.
  - D. World Languages: Earn either three units of one world language or two units each of two world languages. French, Spanish, and American Sign Language are offered.
  - E. GPA: Maintain an overall high school grade point average of at least 3.5 on an unweighted four-point scale up to the last grading period of the senior year.
  - F. ACT/SAT: Obtain a composite score of 27 on the ACT **or** a score of 1280 on the SAT.
  - G. Seal Requirement: Earn two additional diploma seals, not including Honors Diploma Seal.
  - H. Experiential Learning: Complete Field Experience & Portfolio, OhioMeansJos Readiness Seal, or Work-Based Learning requirement.

\*One of D, E, or F could be replaced by a Student Strength Demonstration as defined by ODEW.

Five additional Honors Diploma pathways that are available to pursue include: Career Tech Honors Diploma, STEM Honors Diploma, Arts Honors Diploma, Social Science and Civic Engagement Honors Diploma. Students have the opportunity to choose to pursue one Honors Diploma, with all defined on the Ohio Department of Education website at:

<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Contacts-and-Resources/Honors-Diplomas>.

## LATIN HONORS SYSTEM

Students may earn recognition for their individual academic achievements through the instituted Latin Honors System. Students will qualify for the varying levels of honor depending upon their cumulative weighted grade point average (GPA) at the end of the 7th semester:

Summa Cum Laude - 4.0 cumulative GPA and above

Magna Cum Laude - 3.75 - 3.99 cumulative GPA

Cum Laude - 3.51 - 3.74 cumulative GPA

## COLLEGE ENTRANCE

College entrance requirements vary. The following courses are recommended for a **strong** college preparatory program:

- 4 units of English
- 4 units of college preparatory mathematics
- At least 3 units of one world language or 2 units each of two world languages
- 4 units of social studies
- 3-4 units of science (to include biology, chemistry and physics)

Some colleges expect more requirements and some less from applicants. Most engineering schools, for example, require 4-5 units of college preparatory mathematics plus physics and chemistry. Most colleges indicate that 16 or more academic credits are preferred for an applicant to be adequately prepared for college. Every student is advised to study the entrance requirements of the colleges being considered and plan courses accordingly. Oakwood High School provides courses necessary to prepare students for college. The college, when considering a person for admission, is usually concerned with the overall qualifications of the applicant. Emphasis is placed on such things as the quality and type of the high school preparation (grades and rigor of courses taken), scores on college admission tests\* (SAT and ACT), motivation, high school and community activities, and recommendations from teachers, counselors and/or the principal. During the registration process, students may request their scores be sent to up to 4 universities for no additional fee. Sending them after the exam will cost approximately \$15 per test, per school. Due to the fact that many colleges and universities are now **requiring** that SAT and ACT test scores be sent to them **directly from the testing agency, OHS no longer sends test scores as part of the supporting documents for students' college applications.** The college enrollment picture is a changing one. Some colleges, because of the large number of applicants, can still be selective in admissions; others cannot because of a lack of qualified applicants. Some students, either because of cost or because of admission policies, are going to find it wise to begin their college career in a two-year community or junior college. Early planning, intelligent choice of subjects, and strong academic scholarship are very important.

\*Due to the COVID-19 pandemic, many colleges and universities adopted a “test optional” policy that has continued through 2024. Some colleges have adopted this policy permanently while others are taking a “wait and see” approach. The situation will continue to be monitored by the school counselors, and students will be advised accordingly.

## THE MINIMUM STANDARD PROGRAM

The minimum standard program at Oakwood High School each year is 5.50 credits/periods. A note of explanation approved by the student's counselor and the principal is required if the student wishes to take fewer than the minimum number of credits/periods. Illnesses or disabilities are generally the only reasons considered for reducing the program.

## GRADE LEVEL ASSIGNMENT

Tenth grade assignment requires a total of 5.50 credits. Eleventh grade assignment requires 11 credits. Twelfth grade assignment requires 16.50 credits or is projected to receive 22 credits by the end of the senior year.

## SUMMER SCHOOL CREDIT

A student may take extra courses during the summer. Students may take the equivalent of only one-quarter credit of physical education in summer school. Credit earned in summer school does not reduce the minimum required load (5.5

credits/periods) for the regular school year.

## **GRADE POINT AVERAGE**

Grade Point Averages (GPA) are calculated at the end of each semester. Each quarter grade counts for 40% and the exam is 20% of the semester average. Semester grades in all regular courses for which credit is granted are included in determining GPA with the exception of course work taken by tutoring, independent study, audit, and pass/fail. Grades in regular courses earn the following quality points: (beginning with the 2021-22 school year): A = 4 (90-100), B = 3 (80-89), C = 2 (70-79), D = 1 (60-69), and F= 0 (below 60). See Honors, Advanced Placement, and College Credit Plus (CCP) course information below for add-on factors. Formula for GPA = Total Quality Points divided by Credits attempted, plus any add-on points earned. Courses may not be audited unless the student is repeating a course taken earlier. Grades earned in audit courses are not included in class rank and GPA. Students transferring into Oakwood High School from other accredited public and/or private schools do have their grades from the former school used in determining grade point average. AP, CCP, and Honors courses are given as an add-on to the GPA. Because of the tradition of academic rigor and the competitive educational environment at Oakwood High School, the school does not rank its students.

## **HONORS COURSES**

Honors courses are currently offered in English, Mathematics, World Languages, Academic Decathlon, Honors Orchestra and Synergy/Anthem. Honors courses involve enriched and advanced work, rigorous grading standards, and selective admissions. *Students will earn a .025 add-on factor for each yearlong Honors course completed with a grade of C or higher. The add-on will be adjusted for .5 (.0125) and .25 (.00625) credit courses accordingly.*

## **ADVANCED PLACEMENT**

Factors used in selecting students for Honors and AP courses will include teacher/department recommendation, counselor recommendation, grades in previous courses, achievement/aptitude test scores, and student interest. Formal Advanced Placement (AP) programs in English Language and Composition, English Literature and Composition, AP English II Seminar, French, Spanish, Calculus, Statistics, Biology, Chemistry, Physics, American History, Psychology, American Government, Comparative Government and Politics, Studio Art, World History, and Music Theory are offered. AP exams are given in May of each year. Scores earned on these tests could result in college credit, advanced placement or exemption from certain academic requirements/prerequisites upon college enrollment. Full year Advanced Placement (AP) courses receive .05 add-on credit and semester Advanced Placement (AP) courses receive .025 add-on credit. Board policy requires that AP students take the AP test and earn at least a C in the class in order to earn add-on credit. Any student may take any of the AP exams without being enrolled in Advanced Placement classes. However, students will not receive add-on credit for taking the AP test without having taken the course. As transcripts are forwarded to colleges, grades in Honors/AP courses are identified on the official transcript. Colleges expect students to take advantage of stronger and more challenging programs if the opportunity exists. For more information concerning these special programs, contact the OHS School Counseling Department.

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

Students earning credit through College Credit Plus (CCP) will earn add-on points dependent on the number of credit hours. The add-on for a 3+ credit hour course is .05, .033 for 2 credit hours, and .0165 for 1 credit hour courses. Only CCP courses with an equivalent Advanced Placement course content area will qualify for the add-on. These areas are: English, mathematics, science, social studies, world languages, art, computer science, and music.

## EDUCATIONAL OPTIONS

Several educational options that vary from the standard college preparatory program exist. These options are intended to provide for different individual needs, different educational goals and objectives, and for non-school related educational experiences.

### A. Career Technical Education Programs

Participation in a state approved career technical education program is available on an allotment basis to Oakwood students through a contractual arrangement with the Kettering and Centerville School Districts. Two-year programs are available as well as some individual courses. This program is explained further on page 9.

### B. Independent Study

Independent Study is defined as a learning experience or project that is completed by a student outside the structure and limits of the usual classroom setting.

Credit for independent study may be granted if certain requirements and conditions are met:

1. The content/subject matter of the project cannot be acquired in a regularly scheduled class.
2. The student, teacher, and school counselor mutually agree on the curriculum that has been identified with stipulated objectives to be accomplished.
3. A teacher agrees to assume responsibility for meeting with, assisting, and guiding the student toward accomplishment of the objectives. The teacher and the student coordinate meeting times.
4. Amount of credit to be granted for the project and requirements to be met for a pass/fail grade are mutually agreed upon before the program project is accepted and approved.
5. The burden of responsibility rests with the student in the accomplishment and completion of the objectives of the independent project.
6. All independent study courses will be graded on a pass/fail basis.
7. An application for approval of an anticipated independent study project must be submitted in writing with the limits of the project identified, objectives identified, time to be devoted to the completion of the project, amount of credit and grade requirements identified. The application must be signed by the student, parent, teacher who has accepted responsibility for supervising the independent study project, department chair, counselor, and approved by the principal. Applications are available in the OHS School Counseling Office. Applications must be completed and submitted by the end of the third week of each semester.
8. Credit earned is not used in computing grade point average.

### C. College Credit Plus

Ohio's CCP program allows students to earn college and high school credits at the same time by taking college courses from community colleges or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. There is no fee for tuition and books for the student and their family, unless a student fails the course or withdraws past the deadline. A 3-semester hour college course or more translates to 1 high school credit, 2-semester hour to 2/3 high school credit, and 1-semester hour to 1/3 high school credit. Several CCP courses are offered through an agreement with local colleges and universities at Oakwood High School. Additionally, there are options for students to take courses either online or on a college campus.

In order for students to participate in CCP, students and parents must:

- Attend the CCP Information session at Oakwood High School or virtually.
- If unable to attend, arrangements must be made through the OHS School Counseling Office for a session.
- Complete the Intent to Participate Google Form located on the high school CCP webpage no later than April 1.
- Apply to local community colleges or universities for acceptance by their deadlines (typically May 1st).
- Upon acceptance, complete any placement tests required by the community colleges or universities by their deadlines.

#### **D. Online Coursework**

Students have a plethora of opportunities for online study. Students are encouraged to work with their school counselor when considering this option. It is the responsibility of the student and their parents to receive approval from the principal before utilizing any of the online providers. Grades and credits for all online coursework will be recorded on the student's permanent record. Grades will be recorded and will be used in calculation of the grade point average.

#### **E. Early Graduation**

Students are encouraged to attain their high school diploma over a four-year period. Some situations may make it desirable or necessary that a student consider completion of the high school program in less than four years. Any student planning to graduate early must have his/her academic plan approved by the school counselor, principal, and the student's parents. Early graduates are welcome to participate in the commencement ceremony only if they haven't requested and accepted their diploma prior to the ceremony.

#### **F. Credit Flexibility**

Credit flexibility options are designed for those students who demonstrate the ability, interest, and maturity to accept personal responsibility for their learning in a selected curricular area and have the opportunity to pursue it outside of Oakwood High School. The credit flexibility option supports learners who conduct their own research, learning objectives, and stipulates a plan to accomplish the defined objectives outside of the traditional classroom. The policy provides a personalized educational opportunity for all students and helps them identify, acquire, and demonstrate the proficiency of their knowledge through standards to earn graduation credit. Students participate in an alternative learning experience beyond the boundaries of a classroom and demonstrate identified standards. Students must complete the Proposal for Credit Flexibility Form (see school counselor), define their educational goals, identify the standards they will demonstrate, and create a timeline for completion. With the approval of Oakwood City Schools, students can collaborate with an approved off-site instructional provider. **Students should be aware that the NCAA Clearinghouse might not accept Credit Flex Course options. The deadline to apply for credit flex for the 2024-2025 school year is May 1, 2024 for first semester and November 1, 2024 for second semester.**

### **SCHEDULE CHANGES**

The following guidelines will be used by the OHS School Counseling Department when considering a request for changes in a student's schedule. Please consider course selections carefully to avoid unnecessary schedule changes. Schedule changes may be limited by availability of classes, course conflicts, class size, and balance of class sizes. If a course change is made after grades have been recorded, the grades from the first course will transfer to the new course to be averaged.

#### **Year Courses:**

1. A change to another full-year course may be made during the first two weeks of the first semester.
2. A drop/withdrawal before the end of the first nine-week grade period will not show on record as course attempted.
3. A drop/withdrawal during the second quarter will show a "W" on the report card.
4. A drop/withdrawal in the third quarter will show a "W" on the report card and a "W" for the second semester and final grade on the report card as well as on the transcript. A yearlong course will not receive partial credit or a first semester grade.
5. A drop/withdrawal from full-credit courses will not be made in the fourth nine-week grading period.

#### **Semester Courses:**

1. A change to another semester course may be made during the first week of the semester.
2. A drop/withdrawal before the end of the first nine weeks of the semester will not show on record as a course attempted.

3. A drop/withdrawal after the end of the first nine weeks will be recorded as follows: The first nine-week grade will be recorded on the report card. A “W” will be recorded on the report card for the second nine-week grade and for the semester grade on the report card as well as the transcript.
4. A drop/withdrawal from semester courses will not be made after the twelfth week of the semester.

#### **CCP Courses:**

CCP students have 14 calendar days to withdraw from a course starting the first day of class. Students who withdraw after the 14-day period will receive a W on both their college and high school transcript and will be responsible for reimbursement to the school district who paid the tuition.

### **MINIMUM CLASS ENROLLMENT**

If during registration and/or final scheduling for classes, the number of students requesting a course falls below ten, a careful evaluation will be made of all factors associated with offering the course. The Board of Education will be advised of all these factors prior to determining the feasibility of dropping the course from the program offerings.

### **FEES AND SUPPLIES**

A number of courses require a lab or class fee and/or the purchase of workbooks, supplies, or paperback books. Fees will be included on student schedules and are automatically assigned to courses. Some books and supplies may be purchased in the bookroom while other books require the student to purchase on their own. Class fees are also paid in the bookroom. All AP courses have a \$105 AP exam fee. The PSAT and PreACT fee of \$25.00 are also assessed to students in grades 10 and 11. These fees are deleted in the event the exam/test is not taken, if cancellation notification is given by cut off date. The senior fee of \$80.00 and optional yearbook purchase of \$65.00 are also included in general fees. Fees noted are subject to change from year to year. Some materials will not be needed immediately in classes and may be purchased anytime throughout the school year. Any family in need of financial assistance with class fees or supplemental materials should contact the principal or counselor. All requests for financial assistance will be confidential.

### **SPECIALIZED EDUCATION PROGRAMS AND SERVICES**

Oakwood Junior/Senior High School offers a continuum of program options under the umbrella of IDEA and ADA for students with special needs as outlined in their Individualized Education Plans (IEPs) or 504 Plans. All students with disabilities are included in general education classes as much as appropriate. **The OJH/OHS Intervention Specialists may lend their expertise in the writing of a 504 Plan for a student with a medical recommendation and may collaborate with the assembled team on determining appropriate accommodations. Intervention Specialists do not provide individualized instruction to a student on a 504 Plan.** Intervention Specialists serve in several capacities for identified students on an IEP: as a coordinator for vocational training within the community, as resource room teachers to provide direct instruction to—qualifying students, and as collaborative teachers present with a general educator in the classroom providing necessary modifications and accommodations for students in the general education setting. Supports and services for students on an IEP with identified needs are offered in the general education classroom, resource room, and through community-based learning designed to teach skills leading to adult independence. Resource classes in math, English, science, social studies, and academic transitions, are available for students with IEPs. Academic transition instruction is provided through a Transitions Learning Center, a semester or full year course where students can earn a .5 or 1 elective credit. Class instruction focuses on one’s transition goals outlined in his/her IEP to include: identifying learning styles, study skills, organizational strategies, memory skills strategies, goal setting, beginning the career assessment process, etc. Students will also be given the opportunity to complete homework, and study for tests/quizzes.

Speech and language services, hearing intervention services, vision intervention services, orientation and mobility services, adaptive physical education, physical therapy and occupational therapy are also available for students with identified needs. In addition, oral interpreters and aides assist students when appropriate. Support services that best meet

the needs of limited English proficient (LEP) students are available to English Learner (EL) students whose primary or home language is other than English who need special language assistance in order to effectively participate in school instructional programs. Students must be evaluated and qualify as limited English proficient (LEP) and needing special language help and services through an assessment process. Upon enrollment, families complete a Home Language Survey. Students whose home language is other than English are assessed by the English as a Second Language (ESL) Instructor. Results are shared with families, and EL support is offered if the student qualifies. For more information concerning special education programs and services, contact our Special Education Supervisor at 937-297-7803.

## **GIFTED IDENTIFICATION AND SERVICES**

The Oakwood Board of Education has adopted a policy, in accordance with Ohio Revised Code 3324.01-3324.07 and Ohio Administrative Code, for identifying children who are gifted. The state mandates that all students have the opportunity to be assessed for possible "giftedness" based on the state's specific definition of giftedness, which follows:

**Students who perform or show potential for performing at remarkably high levels of accomplishment when compared to others of their age, experience, or environment and who are identified in the areas of superior cognitive ability, specific academic ability (math, science, social studies, reading/writing), creative thinking ability, and/or visual/performing arts ability (visual arts, music, dance, drama).**

The district uses an approach of assessment and identification to identify students who perform, or show potential for performing, at high levels of accomplishment in these domains. To be identified as "gifted" a student must achieve the requisite cutoff score on an assessment instrument authorized by the Ohio Department of Education (ODE), which sets cutoff scores. Children may participate in either whole-grade assessment or referral-based assessment. Whole-grade level assessment occurs at grades 2, 4, and 6 in Oakwood City School District. For referral-based assessment, children may be referred for possible gifted identification on an ongoing basis based upon child request (self-referral), teacher recommendation, parent/guardian request, child referral of peer, or other referral. Referral forms are available on the Oakwood website under Gifted Department. While the State of Ohio requires that students have the opportunity to be assessed for giftedness, it does not require districts to provide services for students who are identified as gifted. Oakwood employs three (3) Gifted Intervention Specialists (GIS) who assist teachers at Lange, Harman, Smith, and the Junior/Senior High Schools in working with students identified as gifted. The gifted services revolve around instructional activities for students who have been identified in each of the four domains of giftedness defined by the state of Ohio. The district ensures equal opportunity for all students identified as gifted to receive services offered by the district. Additionally, students who participate in gifted services are guided by the development and implementation of Written Education Plans (WEPs) that document student data, goals, and progress. Differentiated instruction in the classroom is the linchpin of the program. Differentiated instruction requires modifying process, content, or product according to student need, readiness, and interest; and it is often performed in consultation with the Gifted Intervention Specialist. Our instructional program at all levels continues to evolve in order to meet the needs of our learners, and annually revised gifted services matrices are available from the Gifted Intervention Specialists.

At the secondary level, we offer services to students identified as gifted through curricular offerings, including enrichment electives, honors and Advanced Placement courses, cluster-grouping, co-teaching models and educational options. For more information regarding this program, contact the Gifted Intervention Specialist at 937-297-5328.

## **DIRECTED STUDY HALL**

Directed study hall is for students who may have executive functioning deficiencies and need more direction than a typical study hall provides. Directed study hall is for students recommended through the MTSS (Multi-Tiered Support Systems) process. This study hall is primarily for students in grades 9 and 10 but can be used for all grades.

## **DIRECTED WELLNESS CENTER STUDY HALL**

Directed Wellness Center (DWC) study hall is assigned to students who would like a calm, small, wellness-focused study hall. The directed wellness center study hall is for students recommended through the MTSS (Multi-Tiered Support Systems) process. This study hall is primarily for students in grades 9 and 10 but can be used for all grades.

## **CAREER TECHNICAL EDUCATION PROGRAMS**

The following career programs are available to Oakwood students in the Kettering and Centerville school districts. Most programs begin during the junior year, culminating the senior year. The programs typically involve a half-day at either Centerville High School or Fairmont High School while the student remains in their college prep curriculum at Oakwood High School. A student enrolled in one of these programs will receive his/her diploma from Oakwood High School. The Oakwood Board of Education, except for programs where a student must report to a job placement, will provide transportation. Allotted spaces for Oakwood students will be filled by approval of the Kettering or Centerville HS career technical education coordinator, counselor and/or administrator. These programs are designed to give students the education, background and training necessary for skills that will enable them, upon graduation from high school, to further their education in college, enter the world of work, or serve in the military. Students must meet certain criteria in order to participate in these programs. In most of the programs, students may earn college as well as high school credit. Specific information and detailed course descriptions are available in the OHS School Counseling Department and on these websites: <https://ketteringfhs.org/kettering-fairmont-ctc/> and <https://chs.centerville.k12.oh.us/learning/career-tech>

- \* Allied Health, FHS
- \* Automotive Technology, FHS
- \* Biotechnology, FHS & CHS
- \* Business Academy, FHS
- \* Centerville Business Academy, CHS
- \* Communication Arts/Broadcast Management, CHS
- \* Construction, FHS
- \* Cosmetology, FHS
- \* Culinary Arts and Restaurant Management, CHS
- \* Digital Design, FHS
- \* Early Childhood Education, FHS & CHS
- \* Engineering, FHS
- \* Environmental Science, CHS
- \* Exercise Science, CHS
- \* Fire Science, FHS
- \* Information Technology, FHS
- \* Information Technology and Software Engineering, CHS
- \* Interactive Media, FHS
- \* Marketing Education, FHS & CHS
- \* Mass Communication-Print/Broadcast Journalism, CHS
- \* Medical Assisting, FHS
- \* Technical Theater, CHS
- \* Sports and Entertainment Marketing (semester course at FHS, may be taken concurrently with Marketing at FHS)

CHS=Centerville High School

FHS=Fairmont High School

## ENGLISH

The purpose of English is to educate the student in clear, precise oral and written expression, to develop the power of discrimination in reading, and to inculcate an expression and a love for the best in literature. **Four years of high school English are required for all students. Also required of all students is the satisfactory completion of a research paper during their sophomore year.** The courses in English focus on studying fiction and nonfiction, crafting compositions and term papers, facilitating discussions, and building grammar, vocabulary, spelling and punctuation skills. Students will take an End of Year Ohio State Test in English near the conclusion of English II, English II H, or AP English II Seminar. If a student is pursuing coursework slightly different from this, testing will be near the conclusion of the closest corresponding course.

### English I (0120)

This course focuses on literature and grammar. The literature includes novels, a play, poetry and compositions for each nine-week period. Course readings may include Hamilton's *Mythology*, *The Odyssey*, *Julius Caesar*, *Of Mice and Men*, and *Animal Farm*. Grammar consists of a review of fundamentals along with concentration on vocabulary and composition.

**FEES:** \$8.50- Vocabulary Workbook

**CREDIT:** 1 **LENGTH:** FULL YEAR

### English I H (0130)

English I Honors is a comprehensive investigation of Ancient Greek, Elizabethan, Victorian and Modern Literature. During the summer before freshman year, the students may read and analyze an assigned summer reading text. Throughout the year, they may study *Mythology*, *The Odyssey*, *The Trojan Women*, a collection of Shakespearean sonnets and speeches including *Julius Caesar*, *Animal Farm*, and *Of Mice and Men*; craft literary arguments, original short stories and poems; and hone their grammar and vocabulary skills. The course intends not only to prepare students for the honors and AP track, but also to enhance students' college and career readiness. **Prerequisite: End of year grade of B or higher in English 8H, or A in English 8. Summer work is required and is assigned in May.**

**FEES:** \$8.50- Vocabulary Workbook

**CREDIT:** 1 **LENGTH:** FULL YEAR

### English II (0220)

English II studies world literature. Course readings may include *Lord of the Flies*, *Into the Wild*, *Siddhartha*, *The Tempest*, and other self-selected fiction and non-fiction.

Students will read supplemental readings, including short stories, poetry and nonfiction. Principles of grammar, style, and research will be introduced to enhance student writing and critical thinking. Vocabulary development will be incorporated throughout the year. Assignments will include literary analysis essays, student presentations, creative writing assignments and projects. In addition, one major component of this class is the extended research project. Students will develop the skills necessary to complete a nonfiction-based research project, focusing on their abilities to successfully use original sources, periodicals, and scholarly journals. They will then compose a research paper that must meet established criteria. ***The satisfactory completion of the research paper project during this class is required to graduate. Successful completion of English I is a prerequisite for this course.***

**FEES:** \$8.50- Vocabulary Workbook

**CREDIT:** 1 **LENGTH:** FULL YEAR

### English II H (0230)

English II Honors provides an advanced study of a variety of literary genres and authors. In addition to supplemental readings including short stories, poetry and non-fiction works, possible works include *Oedipus Rex*, *Antigone*, *The Tempest*, *Lord of the Flies*, *Siddhartha*, and *Things Fall Apart*. Studying the literature, students will further develop their critical reading skills, their writing skills, and their critical and creative thinking skills by responding to the literature in a variety of ways. Assignments and assessments include literary analysis essays and other modes of writing including personal narrative, persuasive essays, and creative responses. Students may also produce presentations, creative writing assignments and projects, class discussion, and other student-centered assignments. Grammar and usage, style, research, and rhetoric instruction will enhance student writing and critical thinking. Vocabulary development will be incorporated throughout the year. Students will complete a summer reading project. In addition, one major component of this class is the extended research project. Students will develop the skills necessary to complete a nonfiction-based research project, focusing on their abilities to successfully use original sources, periodicals, and scholarly journals. They will then compose a research paper that must meet the established criteria. **Prerequisite: End of year grade of B or higher in English I H, or A in English I. Summer work is required and is assigned in May.**

**FEES:** \$8.50- Vocabulary Workbook

**CREDIT:** 1 **LENGTH:** FULL YEAR

### AP English II Seminar (0250)

AP Seminar is an interdisciplinary and inquiry-based course that requires group and independent research and

literary work to explore real world issues, current events, and/or thematic units. AP Seminar aims to develop the following skills: critical and creative thinking, critical reading, inquiry and research, debate and discussion, and public speaking and collaboration. AP College Board requires students complete and pass the following requirements in order to potentially receive AP credit for the course: Team Multimedia Presentation and an Individual Research Report, an Individual Written Argument and an Individual Presentation, and the AP End-of-Course Test. For the Team Multimedia Presentation, students will collaborate to research and study a topic, issue, current event, and/or theme. Using a variety of research materials, students will then write an Individual Research Report about their research and then collaborate to construct and present a Team Multimedia Presentation. For the Individual Written Argument and Presentation, students will examine stimulus reading material provided by College Board and will produce an Individual Written Argument report and will present an Individual Multimedia Presentation that presents their findings and their argument. The End of Course Test requires students to write responses that analyze several reading selections to identify the author's arguments and to evaluate those arguments. Students will explore complex (and sometimes controversial) topics, allowing them to examine multiple points of view and arguments and to develop positions about those arguments. A summer reading assignment is required. The satisfactory completion of the research paper project during this class is required to graduate. **Prerequisite: End of year grade of B or higher in English I H, or A in English I. Summer work is required and is assigned in May.**

**FEES:** \$8.50 -Vocabulary Workbook; \$150 AP Exam

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **English III (0320)**

This junior year course is a study of American literature and composition. Works from the selected list may include *The Great Gatsby*, *Catcher In The Rye*, and *The House on Mango Street*, anthologized selections from authors of critical periods of American literature, and a Shakespeare selection. Emphasis is given to preparation for college and the writing process, specifically rhetorical analysis and argument. Assignments may include writing process work, response to literature essays, rhetorical process compositions and argument. Grammar instruction and vocabulary development are continued.

**FEES:** \$8.50- Vocabulary Workbook

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **English III H (0330)**

English III Honors is a junior year enrichment section that offers a detailed study of the impressions of American literature and American studies. Possible works from the recommended studies list are *The Great Gatsby*, *Catcher in the Rye*, *The House on Mango Street*, and a Shakespeare selection. Students continue to hone their career and college readiness grammar and vocabulary skills. **Prerequisite: End of year grade of B or higher in AP English II Seminar, or A in English II. Summer work is required and is assigned in May.**

**FEES:** \$8.50- Vocabulary Workshop Book

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **AP English III Language and Composition (0340)**

AP English III is a junior year course that culminates with participation in the Advanced Placement Language and Composition exam for college credit and/or placement. English III AP provides a dual approach through the study of literature and rhetoric for the student's junior year. Several novels and short stories form the foundation for the literary curriculum during the year. Along with several genres of literature, the AP III student concentrates on rhetorical studies as a matter of approaching and producing composition. Critical interpretation of literature and rhetoric prepare the student for the AP Language and Composition exam. A forward interest in literary studies and an ability to approach ideas critically on paper and in discussion is a requirement. Throughout the year, students study vocabulary-words, roots, prefixes, and suffixes—and grammar in order to enhance language and writing development. **Prerequisite: End of year grade of B or higher in AP English II Seminar, or A in English II H. Summer work is required and is assigned in May.**

**FEES:** \$8.50- Vocabulary Workshop Book; \$105 AP Exam

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **English IV (0420)**

The first semester of English IV includes a survey of the greatest English writings of historical and literary British periods. Students study British drama, poetry and novels. Works may include *Beowulf*, *Canterbury Tales*, a Shakespeare selection, *Frankenstein*, and various short stories. Various texts and other works are used to explore other genres and writing periods. The second semester includes varying seminars dealing with specific, intensive study of selected genres and time periods. The focus of second semester involves delving deeply into content, reading critically, and developing writing. Expository writing and other forms are essential parts of the course as is continued grammar instruction and review. Time is dedicated to various approaches to rhetoric and structural stylistics. **Successful completion of English III is a prerequisite for this course.**

**CREDIT:** 1

**LENGTH:** FULL YEAR

**English IV H (0429) and CCP Great Books: Literature  
WSU ENG 2040**

As the culminating course of the Honors English program, English IV Honors continues to focus on building and enhancing writing, reading, speaking, and thinking skills that have been developed in the previous years. By practicing various writing techniques, students will continue to develop the tools to write expository and persuasive pieces. Composition instruction will emphasize, among others, literary analysis, summary, essay form, and revision. Students will explore, analyze, and discuss various pieces of literature, including fiction, plays, poetry, essay, and nonfiction. Students will actively participate in class discussion, and prepare and present several oral presentations related to the readings. Students will also work with new vocabulary, review grammar, and hone college writing skills. First semester will focus on a survey of British literature and related works; the second semester's focus aligns with the thematic nature of Wright State University's English 2040 course. During the second semester, students' writing will be evaluated by both the high school instructor and a WSU college professor. **Prerequisite:** *End of year grade of B or higher in English III H, or A in English III. Summer work is required and is assigned in May.* This is a CCP course for which a student can earn both high school and college credit through Wright State University. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1.5

**LENGTH:** FULL YEAR

**COLLEGE CREDIT:** 3 Semester Hours

**AP English IV Literature and Composition (0440)**

Audited and approved by the College Board, this course is the culmination of a three-year program for highly motivated and industrious students with high achievement in English. Participation in this program depends on the selection criteria for AP and Honors courses. Students who enroll in the course are expected to take the AP English Literature and Composition test in the spring, which may earn credit in college. The first semester is concerned with summer reading seminars, literary terminology, literary philosophies, and criticism. The second semester includes a survey of literature that spans world cultures and carries from ancient to contemporary times, which may culminate with the study of *Frankenstein*. Extensive reading and journaling are required. **Prerequisite:** *End of year grade of*

*B or higher in AP English III, or A in English III H. Summer work is required and is assigned in May.*

**FEES:** \$105 AP Exam, \$25-Study Guide

**CREDIT:** 1

**LENGTH:** FULL YEAR

**ENGLISH ELECTIVES**

The following courses **do not** meet English graduation requirements.

**Yearbook: Print Media I (0501)**

The primary purpose of this course is to introduce students to skills that will aid in the publication of the school yearbook, *Acorn*. Students will spend the first semester in the study and practice of the essentials of print publication: reporting, writing, photography, design, desktop publishing and advertising. Then, students will work on compiling the stories and selling the advertising to aid in the creation of the yearbook. To meet this goal, student responsibilities include meeting assigned deadlines and selling advertising to create an accurate, representative record of the school year. *Acorn* needs responsible people with ambition, curiosity and independence. This course is open to students in grades 9-12. **Yearbook: Print Media I** is required as a prerequisite for **Yearbook: Print Media II**, unless an equivalent course was taken. This equivalency is determined by the adviser.

**CREDIT:** 1

**LENGTH:** FULL YEAR

**Yearbook: Print Media II (0502)**

The primary purpose of this course is to build on the skills learned in **Yearbook: Print Media I** to aid in the publication of the school yearbook, *Acorn*. One of the main goals of the class is to create an accurate, representative record of the school year. To do so, the course builds upon advanced study and practice of the essentials of publication: reporting, writing, photography, design, desktop publishing and advertising that were learned in **Yearbook: Print Media I**. Student responsibilities include meeting assigned deadlines and selling advertising. *Acorn* needs responsible people with ambition, curiosity and independence. This course is open to students in grades 10-12.

**CREDIT:** 1

**LENGTH:** FULL YEAR

**Media Publishing and Broadcasting (0510)**

This course is the natural next step after Film and Video Production, but students may take this course without prior experience. The primary purpose of this course is the publication of stories as a part of The AxMedia, the school's student-run media source. The staff is seeking people to fill spots in front of and behind the camera - being on camera is not required! In this course, students will learn the basics of storytelling, including research and reporting, writing, photography, shooting video and

podcasting. With these skills, students will publish media through an online publication and school media. The staff succeeds with responsible people who can meet deadlines, show ambition, curiosity, and independence. This course is open to students in grades 9-12. ***Parents' permission to use the internet as well as to publish student work and images online is required for participation in this course. This class does not count as a required English credit.***

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Academic Decathlon (0530)**

Academic Decathlon is a course in which students engage in interdisciplinary study of a topic and prepare for competition in the areas of art, economics, essay, interview, language and literature, mathematics, music, science, social science, and speech. The course provides students an opportunity to experience the challenges of rigorous curriculum through team competition. The program is designed to include students of three academic levels - "A", "B", and "C". Many colleges and universities award Academic Decathlon participants favorable status in the admissions process. Academic Decathlon students who earn an individual score of 7,000 points or higher at an official Ohio Academic Decathlon competition, utilizing the nationally standardized tests prepared by the United States Academic Decathlon organization, may earn the **honors add-on**. This class does not count as a required English credit.

**FEES:** \$35.00-Class fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **The Art of Public Speaking and Dramatics (0600)**

If you have experienced sweaty palms and a queasy stomach at the very thought of giving a speech or being in the spotlight, you are part of a majority. Learn to conquer those fears and become a poised, confident and effective communicator and performer in the arts of voice and diction, body language, pantomime, interpretation, and acting. Open to students in grades 9-12, this course will provide practice in a variety of public speaking situations and will introduce students to the fundamentals of stagecraft and the art of dramatic expression. Students may also study the areas of theater history, dramatic literature, and criticism. This class counts as a fine arts credit.

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

## **WORLD LANGUAGES**

The primary goal of World Language studies is to equip students with the ability to communicate in a second, or even third, language. World Language study also strives to give students the skills they need to become global citizens by stimulating an interest in travel and international affairs

and by developing a better understanding of cultural differences. Students will gain the skills necessary to succeed in college and/or pursue an international career. The offerings in World Languages are varied enough to suit student interests and needs at the high school level. The courses offer sound training in the language skills of listening, speaking, reading and writing. **The study of a language for at least three years is recommended.**

### **French I (4110)**

French I is an introduction to reading, writing, speaking, and listening in French. Students learn from a variety of materials, including texts, videos and authentic materials. These materials will expose students to using French in everyday situations, as well as teach correct structure and usage. Students also learn about France and the Francophone world in order to introduce them to French civilization. ***It is recommended that a student maintain at least a "C" average in order to continue to the next level of study.***

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **French II (4130)**

French II continues the process of practicing and building upon the four basic language skills. As in French I, students continue to study French and Francophone civilization and culture. Students continue to learn from texts, videos and authentic materials. These materials will expose students to using French in everyday situations, as well as teach correct structure and usage. ***It is recommended that a student maintain at least a "C" average in order to continue to the next level of study.***

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **French II H (4140)**

French II Honors is designed for the student who excels in French and plans to continue their study of the French language & culture through the AP level or their graduation from OHS. This fast-paced course is for the motivated language learner and will continue to build the four language skills of reading, writing, listening and speaking along with the study of French and Francophone civilization and culture. Texts, videos and authentic materials in the target language will immerse the French II Honors student in French. ***Students wishing to enter French II H must fulfill the following requirements: 1) maintain an "A" average in French I, and, 2) be recommended by their French teacher. It is recommended that a student maintain at least a "C" average in order to continue to the next level of study.***

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **French III (4150)**

In this intermediate French course, students will learn new structural elements to strengthen language proficiency. They will continue to increase their vocabulary for oral and written communication. In addition, students will expand their knowledge and appreciation for French culture and the Francophone world. *It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **French III H/CCP French III (4162)**

#### **SCC FRE 1102**

French III Honors is an intermediate course designed for the student who excels in French and plans to continue their study of the French language & culture in preparation for the AP or college placement tests. Students will learn new structural elements to strengthen language proficiency while increasing their vocabulary for ease of oral and written communication. Students will actively study the French and Francophone worlds through a variety of real life activities and projects to gain a knowledge and appreciation of culture. Authentic materials, texts, and videos will provide students with a variety of thematic learning opportunities. Students who intend to continue their studies of French by taking French IV and/or French V are encouraged to take the Honors French III course.

*Students wishing to enter French III H must fulfill the following requirements: 1) maintain an “A” average during all quarters of French II, and 2) be recommended by their French teacher. It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, see p.5, item C, under College Credit Plus. All students wanting to take French III H or CCP French III will add course number 4162 as their course request during the scheduling process. To remain in that course section, students MUST complete ALL steps of the College Credit Plus (CCP) process (outlined on page 5) within the timeframe and deadlines. Students who do NOT complete the CCP process will be moved to French III H. Students who remain in CCP French III will earn a .05 add on AND 3 college credits/1 high school credit. Students moved to French III H will earn a .025 add on and 1 high school credit.

**CREDIT:** 1

**LENGTH:** FULL YEAR

**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **French IV/CCP French IV (4174)**

#### **SCC FRE 2201**

The goal of this total immersion course is to increase student proficiency in the four fundamental areas of listening, speaking, reading, and writing as well as an understanding of cultural trends. Students will build thematic vocabulary and strengthen grammar skills while practicing listening comprehension and speaking. By reading their first French novel, St. Exupéry’s *Le Petit Prince*, students improve their comprehension of sentence structure, vocabulary and grammar while discussing the philosophical and historical aspects of the book. Students are required to purchase the novel. This course is designed to prepare students for the French V AP program. *It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, see p. 5, item C, under College Credit Plus. All students wanting to take French IV or CCP French IV will add course number 4174 as their course request during the scheduling process. To remain in that course section, students MUST complete ALL steps of the College Credit Plus (CCP) process (outlined on page 5) within the timeframe and deadlines. Students who do NOT complete the CCP process will be moved to French IV. Students who remain in CCP French IV will earn a .05 add on AND 3 college credits/1 high school credit. Students moved to French IV will earn 1 high school credit and no add ons.

**CREDIT:** 1

**LENGTH:** FULL YEAR

**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **AP French V (Language and Culture) (4171)**

This total immersion course continues the format described in French IV with an added emphasis on preparation for the AP and college placement exams. Improving communication in the target language will be stressed. The use of authentic materials from film and literature will help students understand French culture while refining the language skills of reading, writing, listening & speaking. Students taking the course for AP credit should expect intense preparation for the AP exam. Students may be required to purchase one workbook.

**FEES:** \$105 AP Exam

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Spanish I (4200)**

Spanish I is an introduction to reading, writing, speaking, and listening in Spanish. Students learn from a variety of materials, including texts, videos and authentic materials. These materials will expose students to using Spanish in everyday situations, as well as teach correct structure and usage. Students also learn about the Hispanic world in order to introduce them to culture and civilization. *It is*

*recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Spanish II (4220)**

Spanish II continues the process of practicing and building upon the four basic language skills. As in Spanish I, students continue to study Hispanic culture and civilization. Students continue to learn from texts, videos and authentic material. These materials will expose students to using Spanish in everyday situations, as well as teach correct structure and usage. *It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Spanish II H (4230)**

Spanish II Honors is designed for the student who excels in Spanish and plans to continue their study of the Spanish language & culture through the AP level or their graduation from OHS. This fast-paced course is for the motivated language learner and continues the study of the language stressing reading, writing, listening and speaking. As in Spanish I, cultural information is an integral part of each lesson. Videos, computer programs and authentic materials will immerse the Spanish II H student in Spanish. *Students wishing to enter Spanish II H must fulfill the following requirements: 1) maintain an “A” average in Spanish I, and 2) be recommended by their Spanish teacher. It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Spanish III (4240)**

Spanish III is an intermediate class that bridges the introductory level classes to the advanced classes. Grammar, verbs, and writing skills are developed through varied assignments, while listening and speaking skills are enhanced through class discussions, conversations and oral presentations. Authentic materials are integrated into the lessons in order to strengthen the learning experience. *It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Spanish III H/CCP Spanish III (4262)**

#### **SCC SPA 1102**

Spanish III Honors is an intermediate class designed for the student who excels in Spanish and plans to continue their study of the Spanish language & culture in preparation for

the AP or college placement tests. Advanced grammar, verbs, vocabulary and writing skills are developed through varied assignments, while listening and speaking skills are enhanced through class discussions, conversations and oral presentations. The use of authentic materials will help students gain cultural knowledge. Videos and computer programs are used as supplemental materials. Students who intend to continue their studies of Spanish by taking Spanish IV and/or Spanish V are encouraged to take the Honors Spanish III course. *Students wishing to enter Spanish III H must fulfill the following requirements: 1) maintain an “A” average during all quarters of Spanish II, and 2) be recommended by their Spanish teacher. It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, see [p.5, item C, under College Credit Plus](#). All students wanting to take Spanish III H or CCP Spanish III will add course number 4262 as their course request during the scheduling process. To remain in that course section, students MUST complete ALL steps of the College Credit Plus (CCP) process (outlined on page 5) within the timeframe and deadlines. Students who do NOT complete the CCP process will be moved to Spanish III H. Students who remain in CCP Spanish III will earn a .05 add on AND 3 college credits/1 high school credit. Students moved to Spanish III H will earn a .025 add on and 1 high school credit.

**CREDIT:** 1

**LENGTH:** FULL YEAR

**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **Spanish IV/CCP Spanish IV (4252)**

#### **SCC SPA 2201**

Synthesis and integration are objectives of this advanced Spanish class. A thematic vocabulary approach combined with grammatical overview provides the framework for the student to incorporate all aspects of the language, speaking, listening, reading and writing. Speeches, compositions, movies, selected literary works and other authentic materials support the objectives of this challenging Spanish course. Preliminary AP exam preparation is initiated at this level. *It is recommended that a student maintain at least a “C” average in order to continue to the next level of study.* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, see [p. 5, item C, under College Credit Plus](#). All students wanting to take Spanish IV or CCP Spanish IV will add course number 4252 as their course request during the scheduling process. To remain in that course section, students MUST complete ALL steps of the College Credit

Plus (CCP) process (outlined on page 5) within the timeframe and deadlines. Students who do NOT complete the CCP process will be moved to Spanish IV. Students who remain in CCP Spanish IV will earn a .05 add on AND 3 college credits/1 high school credit. Students moved to Spanish IV will earn 1 high school credit and no add ons.

**CREDIT:** 1                      **LENGTH:** FULL YEAR  
**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **AP Spanish V (Language and Culture) (4270)**

Students in Spanish V AP continue to concentrate on refining all language skills, reading, speaking, writing, and listening, stressing synthesis and integration of Spanish. A continuation of thematic vocabulary and grammatical review are interwoven with authentic literary works and listening activities including movies, YouTube and other Internet resources. Intense AP exam and summer assignments are vital components of this advanced course. *Summer work is required and is assigned in May.*

**FEES:** \$105 AP Exam

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **CCP Beginning American Sign Language I (4310) SCC ASL 1111**

This course provides a foundation for non-signers to study American Sign Language (ASL) and learn about deaf culture. It includes principles, methods and techniques for communicating with deaf individuals who sign. Focusing on development of receptive and expressive sign skills, manual alphabet, numbers, sign vocabulary, syntax, grammar and culture. This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1.0      **LENGTH:** ONE SEMESTER  
**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **CCP Beginning American Sign Language II (4320) SCC ASL 1112**

Continue to study American Sign Language (ASL) grammatical structure, vocabulary, fingerspelling, use of signing space, conversational regulators and introductory aspects of deaf culture. *Prerequisite: CCP Beginning American Sign Language I/ASL 1111 (4310).* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1.0      **LENGTH:** ONE SEMESTER  
**COLLEGE CREDIT:** 3 SEMESTER

### **CCP Intermediate American Sign Language I (4330) SCC ASL 1228**

Express abstract concepts in ASL using appropriate grammatical structure, signing space, vocabulary, fingerspelling and non manual markers. The course also features continued development of conversational regulators and aspects of deaf culture. *Prerequisite: CCP Beginning American Sign Language II/ASL 1112.* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#) This course will only run if the Sinclair Community College minimum enrollment requirements are met.

**CREDIT:** 1.0 CCP      **LENGTH:** ONE SEMESTER  
**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **CCP Intermediate American Sign Language II (4340)**

#### **SCC ASL 1229**

Expands ability to express abstract concepts in American Sign Language (ASL), further develops vocabulary and receptive and expressive fluency. Read and discuss topics related to deaf culture. Development of basic interpreting skills through classroom activities. Deaf community interaction required. *Prerequisite: CCP Intermediate American Sign Language I/ASL 1228.* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#) This course will only run if the Sinclair Community College minimum enrollment requirements are met.

**CREDIT:** 1.0 CCP      **LENGTH:** ONE SEMESTER  
**COLLEGE CREDIT:** 3 SEMESTER HOURS

## **MATHEMATICS**

**The State of Ohio requires that all Ohio students pass four years of mathematics including Algebra II or its equivalent.** The mathematics curriculum consists of those courses, activities and units of instruction designed to contribute to the common specialized needs of secondary school students. Knowing that the abilities and interests of students vary, the Mathematics Department offers a variety of courses to meet the individual needs of all students. Graphing calculators and computer software are used to facilitate the students' understanding of mathematical concepts. Our mathematics courses prepare students for success in college, in careers, and in daily life in contemporary society. Each course shares the following mathematical and instructional features: multiple connected mathematical strands, mathematical modeling,

access for a wide range of students, technology use and active learning. **For all math courses, students are required to have a graphing calculator, and the TI-83 Plus or TI-84 Plus or TI-Nspire is recommended. Please refer to the math flowchart on page 33.** Students will take the Ohio State Test in Mathematics near the conclusion of Algebra I Honors or Algebra I. If a student is pursuing coursework slightly different from this, testing will be near the conclusion of the closest corresponding course. ***A grade of an “A” or “B” is necessary to move forward in Honors courses. Students with a grade of “C” in the previous course must secure teacher approval before enrolling in an Honors course. Students earning a “D” or “F” in a prerequisite course may not enroll in Honors or AP courses.***

### **Algebra I (2100)**

Algebra I is designed for freshmen and emphasizes various ways that patterns and real world phenomena can be described. This includes graphical, numerical, and symbolic representations. Students will use equations, inequalities and functions to represent observed patterns. They will solve equations and inequalities using multiple representations, will produce and examine graphs, and will study the real number system. This class will include the following topics: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations & functions, (4) polynomials, (5) data analysis, and (6) nonlinear equations. A graphing calculator is required.

**CREDIT: .5 EACH SEM. LENGTH: 2 SEMESTERS**

### **Geometry H (2210)**

An honors math course may follow the same or similar general topics as a non-honors math course of the same title, but the course is a different course due to the pace, sequence and depth of contents. Honors math courses proceed at a swifter pace and expect a greater depth of understanding. Geometry Honors provides students with experiences that deepen their understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) angle relationships; (2) polygons, with a special focus on quadrilaterals and triangles, (3) circles; and (4) three-dimensional solids. Other major topics covered in-depth include trigonometry, proof, probability, and transformations of shapes. An understanding of proof and logic is mastered. ***Prerequisite: Satisfactory completion (A or B) of Algebra I H.***

**CREDIT: .5 EACH SEM. LENGTH: 2 SEMESTERS**

### **Geometry (2200)**

Geometry provides students with experiences that deepen their understanding of two and three-dimensional objects and their properties. Deductive and inductive reasoning as well as investigative strategies in drawing conclusions are stressed. Properties and relationships of geometric objects include the study of: (1) points, lines, angles and planes; (2) polygons, with special focus on quadrilaterals, triangles, right triangles; (3) circles; and (4) polyhedra and other solids. An understanding of proof and logic is developed. Right triangle trigonometry and probability are introduced as well. ***Prerequisite: Satisfactory completion of Algebra I.***

**CREDIT: .5 EACH SEM. LENGTH: 2 SEMESTERS**

### **Algebra II H (2220)**

An honors math course may follow the same or similar general topics as a non-honors math course of the same title, but the course is a different course due to the pace, sequence and depth of contents. Honors math courses proceed at a swifter pace and expect a greater depth of understanding. Algebra II Honors is a course that expands on the topics of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) conic sections; (3) polynomials; (4) data analysis; (5) logarithmic and exponential functions; (6) sequences and series; (7) counting principles and probability; and (8) trigonometry. Students are required to have a graphing calculator. ***Prerequisite: Satisfactory completion (A or B) of Geometry H.***

**CREDIT: .5 EACH SEM. LENGTH: 2 SEMESTERS**

### **Algebra II (2300)**

Algebra II is a course that expands on the topics of Algebra I and provides further development of the concept of a function. Topics include: (1) relations, functions, equations and inequalities; (2) introduction to matrices; (3) polynomials; (4) data analysis; (5) logarithmic and exponential functions; (6) review of counting principles and probability; and (7) trigonometry. Students are required to have a graphing calculator. ***Prerequisite: Successful completion of Geometry.***

**CREDIT: .5 EACH SEM. LENGTH: 2 SEMESTERS**

### **Pre-Calculus H (2320)**

An honors math course may follow the same or similar general topics as a non-honors math course of the same title, but the course is a different course due to the pace, sequence and depth of contents. Honors math courses proceed at a swifter pace and expect a greater depth of understanding. Pre-Calculus Honors is a continuation of Algebra II Honors. Content is treated in greater depth than the regular course and at an accelerated pace. Additional

topics covered include sequences and series, matrices and limits. Students are required to have a graphing calculator. **Prerequisite:** *Satisfactory completion (A or B) of Algebra II H.*

**CREDIT:** .5 EACH SEM.    **LENGTH:** 2 SEMESTERS

### **Pre-Calculus (2310)**

This course has a strong emphasis on functions, their properties, and their uses in solving problems. In this course, students will look at various "families" of functions, including polynomial, rational, logarithmic, exponential, and trigonometric functions. Various properties and operations on functions will be examined, including even and odd functions, composition and inverses of functions, and transformations of functions. Students are required to have a graphing calculator.

**Prerequisite:** *Satisfactory completion of Algebra II.*

**CREDIT:** .5 EACH SEM.    **LENGTH:** 2 SEMESTERS

### **AP Calculus (AB Syllabus) (2400) or**

#### **CCP Calculus 1 (2405)**

#### **SCC MAT 2270**

This course will introduce students to calculus and its major tools: limit, derivative, and integral. Specific topics include: Cartesian coordinate system, functions, limits and continuity of functions, the derivative and its applications, the integral and the Fundamental Theorem of Calculus. Derivatives and integrals involving piecewise, polynomial, rational, algebraic, exponential, logarithmic, trigonometric, inverse trigonometric and hyperbolic functions and their inverses. This is a CCP course through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus](#). Students may opt in to taking AP Calculus AB within this course. Students who opt in will be expected to complete additional coursework to prepare for the AP exam. **Prerequisite:** *Successful completion of Precalculus or Precalculus H.*

**FEES:** \$100 - AP Exam

**CREDIT:** 1

**LENGTH:** FULL YEAR

**COLLEGE CREDIT:** 3 Semester Hours

### **AP Calculus (BC Syllabus) (2410)**

This course includes the calculus and analytical geometry content of the BC Calculus examination of the College Entrance Examination Board's Advanced Placement Program. Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in CCP Calculus 1 plus additional topics, including parametric, polar, and vector functions, applications of integrals, and polynomial approximations and series. Students are required to have a graphing calculator; the TI-83 Plus or TI-84 Plus are the recommended choices. Students are expected to take the

AP Examination for Calculus BC at the completion of the course. Success on this test may earn them advanced placement or college credit in mathematics. **Prerequisite:** *Satisfactory completion (A or B) of Pre-Calculus H or departmental recommendation.*

**FEES:** \$105 AP Exam

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **CCP Linear Algebra (2420)**

#### **SCC MAT 2320**

This course will include systems of linear equations, matrices, determinants, linear transformations, Euclidean n-space, coordinate vectors, abstract vector spaces, dimension and rank, eigenvalues and eigenvectors, orthogonal vectors, least-square problems, diagonalization, quadratic forms, singular-value decomposition. Applications such as Markov chains and computer graphics will be covered. Main outcomes from this course include proving elementary theorems from linear algebra, solving linear systems of equations using various methods, and determining a basis for a vector space. This is a CCP course through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus](#). **Prerequisite:** *Successful completion of AP Calculus BC.*

**CREDIT:** 1

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 Semester Hours

### **CCP Elementary Differential Equations /**

#### **MAT 2310 (2430)**

This course will include solutions and applications of ordinary differential equations including separable, exact, homogeneous and non-homogeneous linear equations and others. Numerical approximation methods as well as substitutions, the total differential, separation of variables, integrating factors, undetermined coefficients, variation of parameters, Laplace Transforms and power series methods are covered. Real world applications of electrical circuits, population growth, and Newton's Law of Cooling using differential equations will also be covered. This is a CCP course through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus](#). **Prerequisite:** *Successful completion of AP Calculus BC.*

**CREDIT:** 1

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 4 Semester Hours

### **AP Statistics (2425)**

This course includes the content of the statistics examination of the College Entrance Examination Board's Advanced Placement Program. Major topics include: measures of center and spread, correlation, regression, normal distribution, central limit theorem, experimental design, probability distributions, confidence intervals, hypothesis testing, and comparison of means. Students are required to have a graphing calculator; the TI-83 Plus or TI-84 Plus are the recommended choices. Students are expected to take the AP Examination at the completion of the course. Success on this test may earn the student college credit in mathematics. **Prerequisite: Successful completion of Algebra II, Algebra II H, or departmental recommendation, to be taken following or concurrently with Pre-Calculus or Pre-Calculus H.**

**FEES:** \$105 AP Exam

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Advanced Quantitative Reasoning (2460)**

In this course, students learn how to use mathematical tools to make decisions in real-world situations that are relevant to their daily lives. The primary focus is on critical thinking and communication, along with the standards of mathematical practices. Highly refined traditional skills, such as intricate algebraic manipulations, are not emphasized. This course is designed to promote reasoning, problem-solving and modeling through thematic units while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. Students will work together in an inquiry-based setting as they explore the math behind topics such as buying a car or house, designing logos and mini-golf, and the effects of inflation and the Consumer Price Index on everyday life. This course is designed for juniors who have completed Geometry, and is appropriate for students who are pursuing a career or pathway that does not require calculus, and/or enjoys hands-on, collaborative work within real-world contexts. Note: Students interested in pursuing a STEM, Business, or Nursing field are recommended to take Algebra II instead of this course. **Prerequisite: Successful completion of Algebra I and Geometry.**

**CREDIT:** .5 EACH SEM.

**LENGTH:** 2 SEMESTERS

### **Transitions to College Mathematics (2450)**

This course will build upon Algebra and Geometry and is designed for seniors who are not enrolled in Precalculus. The course employs algebra, precalculus, statistics, and geometry to career planning, financial management, income analysis, budgeting techniques, savings and investment strategies, evaluation of services offered by financial institutions, managing credit cards and debt, risk

analysis, fraud and financial loss. Field projects, computer spreadsheets, and graphing calculators are key components of the course. Mathematical topics embedded in this course include: functions, linear and exponential regression, exponent rules, data analysis, applying equations and inequalities in context, ratios and proportions, and solving systems of equations. Note: Students interested in pursuing a STEM, Business, or Nursing field are recommended to take Algebra II followed by Precalculus instead of this course. **Prerequisite: Successful completion of Algebra II or Advanced Quantitative Reasoning, or departmental recommendation.**

**CREDIT:** .5 EACH SEM.

**LENGTH:** 2 SEMESTERS

## **SCIENCE**

**Science graduation requirements are 3 years of science with the following emphasis: 1 physical science credit, 1 life science credit, and 1 advanced science credit. To earn the "Academic Honors Diploma", students must earn four units of science.** The science program follows the pattern traditionally offered by college preparatory high schools. The department recognizes that the abilities and interests of students vary. There is not one linear path through the course offerings, but all courses are college preparatory. Students should choose courses based on interests and future aspirations. Also, take note of math recommendations and prerequisites for courses as those are set to give students the best opportunity for success. The attitudes of various scientific methods are reinforced by classroom discussion and laboratory experiments presented as a process of inquiry and a mode of thinking. Students will be engaged in asking valid scientific questions and gathering and analyzing information to help them better understand the world in which they live and interact. Students wishing to pursue online science credit will need prior approval by the science department chair and principal. **Please refer to the science flowchart on page 37.** Students will take Ohio's End of Course test in Biology near the conclusion of the course. If a student is pursuing coursework slightly different from this, testing will be near the conclusion of the closest corresponding course. Additional fees may be assigned for lab materials, workbooks and goggles.

### **Physical Science (3100)**

Physical Science introduces students to key concepts and theories that provide a foundation for further study in the sciences and advanced science disciplines. Physical Science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy and motion. This course focuses the student in

studies within the branches of chemistry and physics, utilizing historical perspectives and mathematical reasoning. An inquiry approach will be utilized to help students explore and create understanding of the concepts and scientific process explored throughout the course. *This course is required of all freshmen except those taking Biology. This course meets the physical science graduation requirement.*

**FEES:** \$15.00- Lab Fee

**CREDIT:** .5 EACH SEM.    **LENGTH:** 2 SEMESTERS

### **Biology (3200)**

This course offers an introduction to the science of life and its interactions. The course of study includes the central themes of cell biology, biochemistry, genetics, modern taxonomy, evolution and ecology. Laboratory participation is a major component of this course with an emphasis on the development of the student's analytical skills in the acquisition and evaluation of both quantitative and qualitative experimental data. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. *It is recommended that freshmen seeking admission to Biology have an "A" in their eighth grade science course and have successfully completed Algebra I while in junior high. This course meets the life science graduation requirement and students will sit for the Ohio's End of Course exam near the conclusion of this course.*

**FEES:** \$15.00- Lab Fee

**CREDIT:** 1                                    **LENGTH:** FULL YEAR

### **Chemistry (3300)**

Chemistry is a college preparatory course designed for the serious student of science. Chemistry is the science dealing with the structure, change and composition of matter. The course of study involves the following areas: atomic structure and electron configuration, chemical bonding, change of phases, ionization and equilibrium, solutions and suspensions, organic compounds, and nuclear chemistry. This course is designed to establish a firm foundation for students preparing to enter the technical fields related to the physical sciences. A direct objective is to promote an atmosphere of scientific inquiry through the application of the scientific method. *This course meets the physical science graduation requirement or advanced science graduation requirement for students that have taken Physical Science.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** 1                                    **LENGTH:** FULL YEAR

### **Physics (3400)**

Physics is the fundamental science of the natural world. In this course students will study the topics of kinematics, dynamics, waves, sound, light and electricity. The basic concepts and fundamental principles introduced in the course serve as a foundation for advanced work in this or any other physical science. Laboratory experiments serve to illustrate the fundamentals more clearly and to acquaint the student with the use of equipment and technology. Since there is a close correlation between physics and mathematics, it is recommended that the students possess a solid preparation in Geometry Honors or Geometry. *This course meets the advanced science graduation requirement.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** 1                                    **LENGTH:** FULL YEAR

### **Biotechnology (3805)**

In this one semester course, the student will develop an understanding of the use of biotechnology in today's society and will develop skills for working with various pieces of equipment used in the biotechnology industry. Major topics of study and laboratory skills include but are not limited to: DNA isolation, introduction to micropipetting, chemistry and physics of a gel box, running dye and DNA gels, pGlo transformations, PCR, and CRISPR. Students will also be introduced to bioethics as well as explore careers in biotechnology. *Prerequisites: A physical science & life science credit and junior or senior standing.*

**FEES:** \$20.00- Lab Fee

**CREDIT:** .5                                    **LENGTH:** ONE SEMESTER

### **Geology (3605)**

In this one semester course, the student will gain an understanding of Earth's resources and systems. Geology incorporates chemistry, physics and environmental science and introduces students to key concepts, principles and theories within geology. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. *Prerequisites: A physical science & life science credit and junior or senior standing. This course meets the advanced science graduation requirement.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** .5                                    **LENGTH:** ONE SEMESTER

### **Forensic Science I (3700)**

Forensic Science I focuses on the collection, identification and analysis of crime scene evidence. Emphasis will be placed on the methods that link the suspect, victim, and crime scene. Major topics of study include forensic

odontology, entomology, fingerprinting, hair and fiber examination, handwriting analysis, and blood spatter analysis. Case studies and current events will also be explored. **Prerequisites:** *Both a physical science and a life science credit and junior or senior standing. This course meets the advanced science graduation requirement.*

**FEES:** \$15.00- Lab Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Forensic Science II (3705)**

Forensic Science II is a lab-based course that will explore advanced forensic science topics, which build upon the basic techniques learned in Forensic Science I. Major topics of study include crime scene investigation, forensic anthropology, pathology, toxicology, and ballistics. Students will also be introduced to a wide variety of true crime podcasts. **Prerequisites:** *Forensic Science I and junior or senior standing. An end of course grade in Forensic Science I of "C" or above is highly suggested. This course meets the advanced science graduation requirement.*

**FEES:** \$15.00- Lab Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Environmental Science (3800)**

Environmental Science incorporates concepts from biology, chemistry, physics, mathematics, and physical geology to introduce students to issues and concerns facing our world. Inquiry investigations and fieldwork may be utilized to help students gain an understanding about how humans are impacting the planet and to design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications to improve environmental conditions of our planet. **Prerequisites:** *Both a physical science and a life science credit and junior or senior standing. This course meets the advanced science graduation requirement.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Botany (3815)**

Botany students will investigate the world of plants including plant anatomy, plant physiology, seeded and seedless plants, adaptations, development, reproduction, fluid and nutrient transport, and plant behaviors. Students will be hands-on throughout the semester completing a number of plant inquiry experiments to gain a deeper appreciation for the roles plants play in our society. This course is designed for students who wish to continue in their studies of life science. **Prerequisites:** *Both a physical science and a life science credit and junior or senior standing. This course meets the advanced science graduation requirement.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Intro to Organic Chemistry (3825)**

This course provides an introduction of important components from the first semester of college organic chemistry. Topics include: bonding, 3-D structure, isomerism, and reaction mechanisms. These concepts help describe the relationship between structure and function of hydrocarbons, haloalkanes, and alcohols. This course includes both lecture and lab components. **Prerequisite:** *End of year grade "C" or above in Chemistry, with Chemistry teacher recommendation. This course meets the advanced science graduation requirement.*

**FEES:** \$10.00- Lab Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **AP Biology (3201)**

AP Biology is a second-year course, offering an advanced, extensive study into a number of topics first introduced in Biology I. Students apply the process of scientific inquiry to cover a full-year introductory college course in biology with a laboratory component. The areas of study include: biochemistry, cell biology, genetics, biotechnology, evolution, taxonomy, plant and animal systems, as well as ecology. The course has a strong lab component as well as an emphasis on detailed writing and problem solving. All class activities, laboratories, and textbooks are college level. Laboratory work is more complex than the typical introductory laboratory school course. The instructor requires lab periods that meet up to twice a week before school or at lunch (7:25-8:10 a.m. or 11:49-12:49 p.m.). Students will take the Advanced Placement exam in the spring that may earn them advanced placement in college and/or college credit. It is recommended that the student has successfully completed Algebra II before enrolling in AP Biology. **Prerequisites:** *End of year grade "B" or above in Biology and Chemistry, with Chemistry teacher recommendation. This course meets the advanced science graduation requirement. Summer work is required. Three classes will take place in August prior to the start of school.*

**FEES:** \$105AP Exam, \$20.00- Lab Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **AP Chemistry (3310)**

AP Chemistry is a second-year course offering more extensive study in the following areas: the structure and states of matter, stoichiometry, kinetics and thermodynamics, chemical equilibria, electrochemistry,

acids & bases and oxidation-reduction reactions. This course will be lab and problem solving based. There will be a strong emphasis on laboratory procedure, analysis and presentation of results as part of the AP course validation. The instructor may require lab periods that would meet up to twice a week before school or at lunch (7:25-8:10 a.m. or 11:49-12:49 p.m.). Students will take the Advanced Placement exam in the spring that may earn them advanced placement in college and/or college credit. **Prerequisite:** *End of year grade "B" or above in Chemistry, with Chemistry teacher recommendation. This course meets the advanced science graduation requirement. Summer work is required and is assigned in May.*

**FEES:** \$105 AP Exam, \$10.00-Lab Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **AP Physics C (3410)**

AP Physics C is a calculus-based physics course meant to correspond to a full-year college physics course covering Newtonian mechanics and electricity & magnetism, usually intended for students pursuing a degree in engineering or the physical sciences. Students in this course will develop skills in mathematical and experimental analysis of physical systems. Up to twice a week students will engage in extended laboratory time, requiring class time extending beyond the regular school day, scheduled either before school or during lunch. The end of course AP exam is actually two exams, one covering Newtonian mechanics and one covering electricity and magnetism; therefore the College Board fee is double for this course. Participation in these exams is an expected part of the course. **Prerequisite:** *Grade of A or B in Physics and recommendation from Physics instructor. Corequisite: AP Calculus (AB or BC). Summer work is required and is assigned in May.*

**FEES:** \$210 AP Exam fees (\$105 x 2 = \$210; there are two separate AP exams), \$10.00- Lab Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Human Anatomy and Physiology (3500)**

This yearlong course offers a comprehensive review of human anatomy and physiology, selected pathologies, histology, gerontology and oncology. There is an especially strong emphasis on technical and research procedures in the lab as well as the ability to critically evaluate scientific literature. This senior science course is specifically designed for those twelfth grade students who have followed the accelerated high school science sequence. **Biology and Chemistry are prerequisites for the course. This course meets the advanced science graduation requirement.**

**FEES:** \$15.00 Lab Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

## **ENGINEERING**

The Engineering program is modeled after the Pathway to Engineering curriculum developed by Project Lead the Way (PLTW), a national leader in STEM education. It is a sequence of courses that build upon each other to give students a broad introduction to the fields of engineering. The majority of instruction within each course is project-based learning where students apply concepts and principles they are studying in math and science to the design process.

### **Introduction to Engineering Design (6500)**

This is the introductory course in our engineering program. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community. **This course is open to 9-12 grade students and counts as an elective credit.**

**FEES:** \$25.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Principles of Engineering (POE) (6510)**

This is the second year course in our engineering program. This survey course of engineering exposes students to major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community. The course is composed of two 1-semester-long courses, specifically POE-Science and POE-Robotics, which are further described below. The two 1-semester-long courses are taken as a single 1-year-long course. **This course can be used to fulfill an advanced science credit. Prerequisite: End-of-year grade of B or higher in Introduction to Engineering Design (IED, Course 6500) or teacher permission.**

**FEES:** \$25.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Principles of Engineering-Applied Science (POE-Science) (6514)**

POE-Science is the science-focused portion of POE. The course covers simple machines, electricity, thermodynamics, energy, statics, and materials. The course

includes labs, projects and simulations on electrical circuits, mechanical work, heat flows and insulation, alternative fuels (solar, fuel cell), beam-deflection, static truss design, and tensile strength. ***POE-Science is offered only for the fall semester. This course meets the advanced science graduation requirement. Prerequisite: End-of-year grade of B or higher in IED (Course 6500), or prior/concurrent enrollment in physics (Course 3400), or teacher permission.***

**FEES:** \$12.00- Class Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Principles of Engineering-Robotics**

#### **(POE-Robotics) (6515)**

POE-Robotics is the robotics/computer-focused portion of POE. The course covers computer and robot programming, machine control, fluid/pneumatic power, and robot design. The course includes labs, projects and simulations covering simple and complex machines, simple robot design, applied robot design, and programming. ***POE-Robotics is offered only for the spring semester. This course meets the advanced science graduation requirement. Prerequisite: End-of-year grade of B or higher in IED (Course 6500) or Computer Programming (Course 9050) or teacher permission.***

**FEES:** \$12.00- Class Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Civil Engineering and Architecture (6530)**

Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. ***Prerequisite: End of year grade of B or higher in Introduction to Engineering Design along with approval from the IED instructor. This class is offered to 10-12 grade students and counts as an elective credit. It will only be offered in even numbered years ( 2025-26, 2027-28 etc.)***

**FEES:** \$10.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Aerospace Engineering (6540)**

#### **(not offered in 2025-26)**

Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. This course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space, as they bring the concepts to life by designing and testing

components related to flight such as an airfoil, propulsion system, and a rocket. They learn orbital mechanics concepts and apply these by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. The course will culminate in a significant design and build project of an unmanned air vehicle. ***Prerequisite: End of year grade of B or higher in Introduction to Engineering Design along with approval from the IED instructor. This class is offered to 10-12 grade students and meets the advanced science graduation requirement. It will only be offered in odd numbered years (2026-27, 2028-29 etc.)***

**FEES:** \$15.00-ClassFee

**CREDIT:** 1

**LENGTH:** FULL YEAR

## **SOCIAL STUDIES**

**Four years of social studies are required for all students.** Each course in the social studies program integrates the disciplines of history, the social sciences, and the humanities. The overall goal of the social studies program is to provide the tools for all students to gain a realistic knowledge of themselves as individuals and their proper relationship to a broader community, culture or society. Through the study of social studies, students will gain the skills and values necessary to apply that knowledge to become contributing citizens of their local, national, and global communities. Students will take two of Ohio's State Tests in Social Studies. The first test will be near the conclusion of Modern American History or AP United States History, and the second will be near the conclusion of Civics: American Government or AP American Government and Politics. If a student is pursuing coursework slightly different from this, testing will be near the conclusion of the closest corresponding course. **One of the following World History courses (1200 level) will fulfill the required freshmen social studies credit.**

### **Modern World Studies (1210)**

This course is designed to provide a thorough study of global affairs from the Enlightenment to the present. The history, geography, and cultures of our modern global society will be combined with a comparative study of modern political and economic systems. Students will gain an understanding of the distinctive and shared features of the world's peoples. The role of the United States in a world of increasingly global interdependence and the duties of responsible citizenship will also be featured.

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **AP World History: Modern (1220)**

In AP World History, students will become familiar with major themes and developments in world history from circa 1200 CE to the present. This course is designed to be an introductory experience for the College Board's Advanced Placement classes. Students who take this course will take the AP exam in May. This course will emphasize a greater understanding of the evolution of global processes and contacts through interaction with different types of human societies. AP World History emphasizes relevant factual knowledge used in conjunction with leading interpretive issues and types of historical evidence. A basic assumption is that the students in the AP World History course will have the ability and motivation to master factual information and do extensive reading and writing. *Incoming freshmen must have earned an "A" average in their 8<sup>th</sup> grade social studies class for the first semester and a minimum proficiency score on the AP screening test administered in the winter prior to scheduling. Summer work is required and will be assigned in May.*

**FEES:** \$105 AP Exam, \$23.00- Study Guide

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Modern American History (1300)**

This course will provide students with a comprehensive study of America's history from 1877 to the present. It will review the political, economic, social, cultural, and geographic features of our nation and their relevance to our nation's development. Students will be expected to relate past events and political decisions to current national affairs. *This course meets the American History requirement and is offered to students in grade 10.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **AP United States History (1310)**

The AP United States History course is designed to give students an intensive study of United States History at a level somewhat higher than that of a college freshman survey course. It is intended to prepare students for the Advanced Placement Exam that may qualify a student for college credit and/or exemption from certain college courses. The students will develop analytic skills and knowledge of the factual aspects of United States History with the goal of arriving at informed interpretations or conclusions. A considerable amount of reading and essay work is required of the students. *This course meets the American History requirement and is offered to students in grade 10. Recommended Prerequisite: Advanced Placement history courses are reading and writing intensive and include a summer research project. It is highly suggested that students register for the course only if they have achieved an A average in previous English*

*and history courses. Summer work is required and is assigned in May.*

**FEES:** \$105 AP Exam

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Civics: American Government (1480)**

This is a survey course starting with the theories and principles of Democratic Constitutional Government, and continuing to the practical aspects of the American political process. Particular emphasis is placed on the Bill of Rights and the responsibilities of citizenship. Current issues in domestic and foreign policy will also be discussed. *This course is open to juniors and seniors and meets the graduation requirement.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **AP United States Government & Politics (1495)**

The AP United States Government and Politics course is a full year class that will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires a familiarity with various institutions, groups, beliefs, and ideas that constitute U.S. politics. Topics to be covered include constitutional arrangements, policy-making institutions, public opinion and the media, political parties, interest groups, civil liberties and civil rights, and budget making. *This course is open to juniors and seniors. Recommended prerequisite: AP United States History and/or AP English. Advanced Placement courses are reading and writing intensive. It is highly suggested that students register for the course only if they have achieved an A average in previous English and history courses. Summer work is required and is assigned in May.*

**FEES:** \$105 AP Exam, \$23.00- Study Guide

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Sociology (1420)**

This elective course is the study of humans as social beings. Students will examine the discipline of sociology, sociological research, culture, socialization, the nature of the group, stratification, social change, and the five major institutions (family, religion, education, the economy, and politics). This course provides a good introduction to sociology for students anticipating taking social science courses in college. Research or outside study is required. *This course is open to juniors and seniors.*

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Comparative Religion (1460)**

This elective course introduces students to a wide variety of religious, ethical, and ideological belief systems.

Students will gain first-hand knowledge of different faiths through direct experiences with guest speakers and personal visitations. A broad range of spiritual and intellectual life will be explored. A research project may be required. *This course is open to juniors and seniors; however, it is recommended that this course be taken during the senior year.*

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Economics (1485)**

This semester class introduces key economic concepts. Students will examine the allocation of resources; the production, distribution, and consumption of goods and services; markets and trade at the national and international level; the impact of government on the economy; and the role of the individual in the economy. *This course is open to juniors and seniors.*

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **CCP Western Civilizations to 1500 (1340)**

#### **WSU HST 1100**

This college credit course examines the character of the pre-modern world from prehistory through the 15th century with special attention to those aspects of ancient and medieval life that had the greatest effect on the development of Western society, politics, and culture. Topics of focus include the contributions of the Greeks and Romans in Antiquity, and the history of Europe in the Middle Ages. Students in this course will read college-level materials and complete college-level work. *The course is open to juniors and seniors, all others with permission of the department. It is highly suggested that students register for the course only if they have achieved an A or B average in previous English and history courses or if they have been approved through Wright State University.* This is a CCP course for which a student can earn both high school and college credit through Wright State University. To enroll and remain in the course, students must meet WSU requirements and established deadlines for enrollment in CCP. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 Semester Hours

### **CCP History of the Holocaust and Genocide Studies (1360)**

#### **SCC HIS 2220**

This course explores the concept of genocide in world history, with specific attention to the 20th Century Holocaust as perpetrated by Nazi Germany. The course addresses the background, goals, progress, and historical context of the Nazi Holocaust and other genocides in the history of the world, through both a historical and

multidisciplinary approach. Students will review evidence, experience firsthand accounts, and discuss methods and procedures used by perpetrators in their efforts to exterminate whole peoples. Students will evaluate and explain, with supporting primary evidence, the role of political, economic, intellectual, and philosophical realities in creating the circumstances that lead to genocide. *This course is intended to be open to juniors and seniors with preference given to seniors, all others with permission of the department. The subject of this class is one which will expose students to depictions of violence and will require study of ideas contributing to the perpetration of violence. A permission slip will be sent home at the beginning of the course outlining the materials found in the course and student expectations; completion of this permission slip will be required for continuing enrollment in the course.* This is a CCP course for which a student can earn both high school and college credit through Sinclair College. To enroll and remain in the CCP component of the course, students must meet Sinclair requirements and established deadlines for enrollment in CCP. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 Semester Hours

### **CCP International Politics (1498)**

#### **WSU 2220**

The purpose of this course is to acquaint students with the basic concepts and issues in the study of international politics. The course is designed as a survey of international actors, their behavior and interactions. Different approaches to the study of international relations will be emphasized throughout the course. Major themes will include conflict v. cooperation, wealth v. poverty, and current issues in international politics. *This course is open to juniors and seniors, all others with permission of the department. It is highly suggested that students register for the course only if they have achieved an A or B average in previous English and history courses or those who have been approved through Wright State University.* This is a CCP course for which a student can earn both high school and college credit through Wright State University. To enroll and remain in the course, students must meet WSU requirements and established deadlines for enrollment in CCP. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 Semester Hours

### **AP Psychology (1415)**

This course is a comprehensive examination of the field of psychology from a historical, scientific, theoretical and

biological perspective. Historically, students will learn about the evolution of the discipline throughout history. Scientifically, students will explore significant actors in research and popular studies on human learning, motivation, personality and psychosocial development. From a theoretical perspective, students will examine human behavior from several approaches, including views on abnormality. Finally, students will study the human brain and other biological influences on mental processes. Students will be prepared to take the AP Exam in May at the prevailing fee. ***This class is open to juniors and seniors. Recommended Prerequisite: Advanced Placement courses are reading and writing intensive and include a summer assignment. It is highly suggested that students register for the course only if they have achieved an A average in previous English and history courses. In addition, due to the content covered in the course, an A in Biology is strongly recommended. Summer work is required and is assigned in May.***

**FEES:** \$105 AP Exam, \$15.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

#### **AP Human Geography (1430)**

In AP Human Geography, equivalent to an introductory college-level course, students will learn about how people use and change the Earth's surface, how patterns develop where people live and work, and how human activities affect the environment. Students will analyze real-world scenarios and problems, examine maps and geographic data, and investigate how people's actions impact different places. Students will build skills to be able to interpret maps, charts, and geographic images, understand connections between people and places, explain how human activities shape landscapes, and apply geographic concepts to current events. Units of study include thinking geographically, population and migration, culture, politics, agriculture/rural land-use, cities/urban land-use, and industrial/economic development. Students who take this course will take the AP exam in May. ***This class is open to juniors and seniors; sophomores with permission of the department. Advanced Placement courses are reading and writing intensive. It is highly suggested that students register for the course only if they have achieved an A average in previous English and history courses. Summer work is required and will be assigned in May.***

**FEES:** \$105 AP Exam, \$23.00- Study Guide

**CREDIT:** 1

**LENGTH:** FULL YEAR

## **BUSINESS EDUCATION**

### **CCP Introduction to Financial Accounting (5600) SCC ACC 1210**

Accounting is the language of business. It is an essential aspect of every business institution and organization. As future workers, small business owners, entrepreneurs, citizens, parents, and investors, students will plan, record, analyze and interpret financial information utilizing generally accepted accounting procedures and concepts to be better prepared to make decisions that will affect their own economic futures or those of their employers. ***Suggested for students in grades 11 and 12.*** This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1

**LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 SEMESTER HOURS

### **Business Basics (5610)**

This course will introduce students to such concepts as economics, business structures and organizations, banking and personal finance, career interests, and entrepreneurship. It will serve as a great precursor to the other business courses students may take in the future. ***Suggested for students in grades 9 and 10.***

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Law and Your Life (5620)**

How does law impact students at work, at home, and at school? This course will help students become aware of their rights and responsibilities under the law so they can function as responsible citizens. This course will introduce students to the study of law through a brief look at how law developed, the legal system in the United States, the functions of the federal and state court systems, and civil and criminal law. The course will also cover the ethical implications of copyright, piracy, and the Internet. ***Suggested for students in grades 11 and 12.***

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Make It Matter with Marketing (5630)**

Teenagers possess close to \$220 billion in purchasing power. Marketers are well aware of this and spending the majority of their budgets targeting that population of our world. This marketing course is designed for students to develop an understanding of the marketing concepts and theories that apply to the overwhelming customer-oriented world around them. Students will leave the course as much more aware consumers in the marketplace. ***Suggested for students in grades 10, 11, and 12.***

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Wall Street 101 (5640)**

The number one reason a student drops out of college is not because it's hard, it's because they can't afford to stay. This semester course will focus on the importance of saving early and investing wisely. A course designed to inform students how individual choices directly influence occupational goals and future potential earnings. Real world topics covered will include, money management, credit, saving, investing and insurance. Students will be participating in three (3) simulations, running for ten (10) weeks, concurrently with the curriculum: The H&R Block Budget Challenge; The University of Dayton Davis Center Portfolio Development Competition; and the PHIL 101 Oakwood Foundation Charity Challenge. *Suggested for students in grades 11 and 12.*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

## **COMPUTER SCIENCE**

### **Film & Media Production (9020)**

In this course, students will learn the fundamentals of effective visual images and storytelling. They will produce stories and videos using Adobe Premiere. Some of those projects include: interviews, commercials/PSAs as well as silent and short films. In addition, the course will introduce concepts relating to the history of film, advertising and various genres of film. *Parent's permission to use the Internet as well as publish student work is required for participation in this course. This course may be repeated, but Media Publishing and Broadcasting will advance the skills learned in this course. Suggested for students in grades 9 - 12.*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Computer Programming (9050)**

In this course, students will be introduced to programming concepts using Python. Other languages (e.g. BASIC and Processing) may be utilized for particular applications. The intent is to provide students with coding skills that will translate into any language. Students will be instructed on the legal and ethical use of technology. Programming concepts will include variable declarations, conditional statements, and looping structures. Receiving data inputs and displaying outputs will be an integral part of each program. Students will learn effective coding practices: planning, commenting, debugging, and using indentation and subroutines. Students will have the opportunity to apply their programming skills in one of several environments. These include, but are not limited to, the development of a game or a mobile application, and controlling microelectronics or robotics. *This course is*

*open to students in grades 9 - 12. Prerequisite: Must complete Algebra I.*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

## **COMMUNICATIONS**

### **CCP Introduction to Mass Communication (9060)**

#### **SCC COM 2201**

This course provides a foundation to media theory and various forms of mass communication. Topics covered include history, practices, career options, ethical issues related to and functions of the press, television, radio, film, advertising, digital media and public relations. Students will also investigate mass media's influence on modern society. *This course is open to students in grade 9 – 12.* This is a CCP course for which a student can earn both high school and college credit through Sinclair Community College. For information on applying for this option, [see p. 5, item C, under College Credit Plus.](#)

**CREDIT:** 1.0 CCP              **LENGTH:** ONE SEMESTER

**COLLEGE CREDIT:** 3 SEMESTER HOURS

## **FAMILY & CONSUMER SCIENCES**

### **Financial Literacy (7145)**

Under Ohio law, students entering 9th grade on or after July 1, 2022, must earn one-half credit of financial literacy as a graduation requirement. Sophomore students will earn the credit through the Real Money Real World Simulation and online content offered during advisory by The Ohio State University. This credit will be assigned via the Credit Flex option. Students who do not participate will be responsible for taking this course entirely online without a live simulation. *This course is required for all sophomores.*

**CREDIT:** .5 credit flex

### **Career and College Readiness (7115)**

Students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in a job shadow experience. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution and leadership. *This course is offered to students in grades 11 and 12.*

**FEES:** \$10.00

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Child Development (7125)**

Students will study the principles of child growth,

development and behavior. Additional topics will include childbirth, parenting, pre and postnatal care, childhood diseases, theories of development, learning styles and evaluating childcare services. *This course is offered to students in grades 9-12.*

**FEES:** \$10.00

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Global Foods (7185)**

In this course, students will 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 apply cooking techniques and participate in food labs. *This course is offered to students in grades 9-12.*

**FEES:** \$40.00

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Interior Design (7135)**

Students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. *This course is offered to students in grades 9-12.*

**FEES:** \$10.00

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Principles of Nutrition and Wellness (7175)**

Students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle in this semester-long course. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. *This course is offered to students in grades 9-12.*

**FEES:** \$40.00

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

## **FINE ARTS**

**The Ohio CORE requires that students must complete at least one year of fine arts taken any time in grades 7-12.**

## **ART**

### **Art I (6110)**

Art I focuses on artistic skill development and the use of many different art materials. Art I gives students the basic

understanding and skills necessary for its practice. The Principles of Art and Elements of Design, along with an introduction to art appreciation and criticism will be explored. This course is open to all students who are interested in expanding their creativity and appreciation for art as well as the more focused artist as a prerequisite to Art II. *A student who has successfully completed 3 of the 4 junior high art courses (Drawing and Painting One, Drawing and Painting Two, Sculpture One, or Sculpture Two) may skip this Art I requirement and advance to Art II with the junior high art teacher's approval.*

**FEES:** \$35.00- Class Fee

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Art II (6120)**

Art II is designed for the more serious art student who wishes to advance their skills to a higher level. Students will go further in depth in their skills and understanding of all types of media. Drawing, painting, and sculpture will be explored with a focus on technique, design, and expression. Students will receive more individual attention and instruction than Art I students. Serious art students should plan to take this course their freshmen or sophomore year. It is open to juniors and seniors as well. *Prerequisites: Art I or 3 of the 4 junior high art courses (Drawing and Painting One, Drawing and Painting Two, Sculpture One, or Sculpture Two) AND the junior high art teacher's approval.*

**FEES:** \$45.00- Class Fee

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **Art III (Ceramics, Painting & Portfolio Development) (6200)**

The first part of Art III focuses on 3D design using clay with several different types of hand building and pottery techniques. The second part of Art III focuses on painting skills and the use of several types of painting media. The third part of Art III will focus on the student's individual needs to compile a well-rounded portfolio. Projects will be individually based on the student's talents, interests, and requirements for post-secondary educational plans. Serious art students should consider taking this course during their sophomore or junior year if they plan to enroll in the AP Studio Art Class. Sophomore, junior, and senior artists are also encouraged to take this course even if they do not wish to take Studio Art AP in the future. *Prerequisite: Art II.*

**FEES:** \$55.00- Class Fee

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **Art Encounters (6220)**

Art Encounters focuses on artful creativity and the use of many different art materials. The Art Encounters course will expose students to many different types of artistic

experiences for appreciation and enjoyment. Coursework may include (but is not limited to) things like: jewelry making, clay bead making, knot tying projects, calligraphy/other lettering designs, Zentangle art, mosaics, woven baskets, and/or printmaking projects. **This course will enhance any art student's experience, but is not intended to prepare them for upper level art classes, or Advanced Placement. Art Encounters is open to all students in grades 10-12 who are interested in expanding their creativity and appreciation for different types of art. Juniors and seniors will be given first consideration.**

**FEES:** \$55.00- Class Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **AP Studio Art (6210)**

The Advanced Placement program in Studio Art is intended for the highly motivated artist. AP artwork involves considerable amounts of time both in and out of class. Students will submit a portfolio to the College Board for scoring at the end of the year with work demonstrating quality, breadth, and the student's chosen area of sustained investigation. Students must meet with the AP Art teacher in the spring of the year prior to enrollment for orientation and summer assignments. **Admission to the class must be given by the instructor and will be based on the student's current portfolio, grades, and completed application. Please see the instructor for application prior to course enrollment. This course is open to both junior and senior artists. Prerequisite: Art II and III. Summer work is required and is assigned in May.**

**FEES:** \$105 AP Exam, \$45.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Portfolio Development (6215)**

The Portfolio Development class is for the junior or senior art student who wishes to produce high quality artwork to build their portfolio and pursue their talent and individual artistic style yet not submit artwork to the College Board for AP credit. Portfolio Development is strongly recommended for junior students who plan to enroll in AP Studio Art their senior year as a way to build breadth AP submission requirements. Senior students who took AP their junior year and would like another year of art without the pressure of submission to the College Board are also strongly encouraged to enroll. **Prerequisite: Art II and Art III.**

**FEES:** \$45.00- Class Fee

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Graphic Arts I (7600)**

Graphic Art offers instruction in the areas of graphic design such as: digital photography, photo restoration, image manipulation, digital scanning, desktop publishing, poster

design, t-shirt design, and advertisement. Most projects will require the use of a computer each day in class. Students are required to obtain and provide many different types of original digital images; access to a digital camera is highly recommended. **This course is open to students in grades 10-12, however juniors and seniors will be given first consideration.**

**FEES:** \$35.00- Class Fee

**CREDIT:** .5

**LENGTH:** ONE SEMESTER

### **Advanced Graphic Arts (7610)**

Advanced Graphic Art is an extension of the Graphic Art I class. Students who wish to continue to explore graphic design may take this course as an **independent study on a pass/fail basis**. Students must receive permission from the instructor to take this course. An application must be filled out and signed by the instructor prior to enrollment. Please see the instructor for application prior to course enrollment. (Availability and class schedule of the instructor may affect student acceptance). In this **independent study course** students are expected to be self-motivated to produce original work. **This course is open to students in grades 10-12. Juniors and seniors will be given first consideration. Prerequisite: Graphic Arts I and application process.**

**FEES:** \$35.00- Class Fee

**CREDIT:** .25

**LENGTH:** ONE SEMESTER

## **MUSIC**

### **Senior High Concert Band (8120)**

Senior High Concert Band is a co-curricular course for those students in grades 9 through 12 who have progressed sufficiently on their instruments to perform and interpret more advanced musical literature. Emphasis is placed on advanced musicianship, public performance in concert, marching, solo and ensemble work, and music as an art. The band program seeks to build character through music and the band medium. It strives to give each member of the band a finer appreciation of music through performance experiences. There are requirements outside the school day for this course including summer marching band camp (end of July), all home and away football games, Wednesday evening marching rehearsals (7-9 p.m. during 1<sup>st</sup> quarter), 2 lunch rehearsals per week during marching season, 1 lunch sectional per week during concert season, home practice, and participation in required performances as indicated on the high school band performance calendar (published in April of the previous year). **Senior Band meets five periods each week plus the additional rehearsals and performances listed above.**

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Senior High Wind Ensemble (8160)**

Senior High Wind Ensemble is the most advanced band in the senior high curriculum. Students selected by audition will study and perform advanced high school wind band literature. Students will also prepare solos and ensembles for public and/or contest performance. Only students ready to commit to a high level of personal focus, discipline and practice should audition for this ensemble. There are requirements outside the school day for this course including summer marching band camp (end of July), all home and away football games, Wednesday evening marching rehearsals (7-9 pm during 1<sup>st</sup> quarter); 2 lunch rehearsals per week during marching season, 1 lunch sectional per week during concert season, home practice, and participation in required performances as indicated on the high school band performance calendar (published in April of the previous year). *Senior High Wind Ensemble meets five periods each week, plus the additional rehearsals and performances listed above. Enrollment: Grades 10 – 12 by audition.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Senior High Jazz Band (8150)**

Senior High Jazz Band is for advanced instrumentalists (saxophone, trumpet, trombone, guitar, electric or acoustic bass, piano, drums, and percussion) in grades 9-12 who have the desire to participate in a jazz band of disciplined, committed, focused, and hard-working jazz learners. Note: guitar players must be able to read music notation and chord symbols. Students will study and perform music found in the standard big band jazz repertoire. Students selected for the *Oakwood Senior High Jazz Band* will be expected to practice on their own as necessary to be a contributing member of the ensemble. Students will earn .25 high school credit for successfully completing this course. This class will meet two days per week, “0” period, (7:30-8:10 a.m.) *Additional requirements: 1) permission of Jazz Band Director, and 2) concurrent enrollment in the High School Band, Orchestra, Choir or Music Theory unless a scheduling conflict makes such enrollment impossible.*

**CREDIT:** .25

**LENGTH:** FULL YEAR

### **Concert Orchestra (8130)**

Concert Orchestra is a continuing course for students in grades 9-12. This non-auditioned group emphasizes developing instrument technique, musicianship, public performance in concert, small ensemble work, and understanding music history and development. Students will gain a finer appreciation of music through the class performance experiences. All rehearsals, home practice,

and participation in scheduled events are a part of the course grade. *Enrollment: Grades 9-12, non-auditioned.*  
**CREDIT:** 1 **LENGTH:** FULL YEAR

### **Symphony Orchestra (8140)**

The Symphony Orchestra is the most advanced orchestra in the high school curriculum and is an auditioned ensemble. This class is primarily for students in grades 10-12, however, advanced 9th-grade students with 4+ years of experience on their instrument may also audition. This ensemble emphasizes learning advanced high school orchestra repertoire and fine-tuning advanced orchestral techniques. Only students ready to commit to a high level of personal focus, discipline, and practice should audition for this advanced ensemble. In this class, students are provided with a full orchestra experience through performances with the Senior High Wind Ensemble. Students in this group also have the option to prepare solos and ensembles for public and/or contest performances. Students who maintain an “A” average in this class do not need to re-audition to continue enrollment in the class for the following school year. *Enrollment: Grades 9 – 12 by audition.*

**CREDIT:** 1

**LENGTH:** FULL YEAR

### **Senior High Honors Orchestra (8170)**

The OHS honors orchestra is an auditioned group for advanced string players (violin; viola; cello; bass). While the group is primarily for students in grades 11-12, advanced students in grades 9-10 who have 4+ years of experience on their instrument may also audition. Students will study and perform advanced chamber orchestra music from a variety of genres. Students accepted into the OHS honors orchestra will be expected to practice on their own as necessary to be a contributing member of the ensemble. This group requires discipline, commitment, focus and hard work. Students selected for the orchestra will be expected to be warmed up and ready to play by 7:30 a.m. on rehearsal days. Students will earn .25 high school credit for successfully completing this course. This class rehearses two days per week, “0” period, (7:30-8:10 a.m.) *Enrollment: 9-12 Audition. Additional Requirements: Concurrent enrollment in the High School Concert or Symphony Orchestra unless a scheduling conflict makes such enrollment impossible.*

**CREDIT:** .25

**LENGTH:** FULL YEAR

### **Basic Guitar (8210) (not offered in 2024-2025)**

Through this class, students will receive the tools necessary to play the guitar at a basic-to-intermediate level. This will be done through a hands-on approach that incorporates a significant amount playing along with popular recordings that emphasize fundamental guitar chords and techniques.

Although emphasis will be placed on practicality for the “informally trained” musician, basic music theory concepts will be explored, such as note names and simple rhythms. In addition to learning existing songs, students will have the opportunity to create their own chord progressions and rhythmic patterns. A general history of popular guitarists will also be covered. *(This class alternates every other year with Advanced Guitar)*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Advanced Guitar (8220)**

In this class, students will explore techniques and terminology necessary to become a well-rounded guitarist. Students will learn to read tablature, perform scales and melodies, and demonstrate advanced techniques through playing songs in a variety of styles and genres. Students will also be introduced to improvisation (soloing) and composition (songwriting). Students must have previously taken Basic Guitar or have approval from the instructor to take this class. *(This class alternates every other year with Basic Guitar)*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **Concert Choir (8300)**

All students in grades 9-12 are welcome in this ensemble of mixed voices. Students will study a variety of choral pieces and will learn how to hone the pitch, tone, and quality of one’s voice. Participation in scheduled events is a part of the course. *This class is a requirement for Symphonic Chorale.*

**CREDIT:** 1                      **LENGTH:** FULL YEAR

### **Symphonic Chorale (8310)**

This ensemble is designed to serve talented/gifted choral students. It is an audition-based course and requires prior choral experience. It is expected that the attainments and performance of this group will be outstanding. Participation in scheduled events is a part of the course. Interested students should see the instructor for more information. *Enrollment: Grades 10 – 12 by audition; prior choral experience required.*

**CREDIT:** 1                      **LENGTH:** FULL YEAR

**PLEASE NOTE:** Much classical and seasonal music literature was written for specific religions. Some of these pieces of literature may be required for performance in OMEA competition, etc. Although we try to select literature sensitive to the beliefs of all our students, from time to time religion-based and seasonal music may be performed.

### **Honors Synergy/Anthem (8320)**

Members will perform in the contemporary a cappella style. Students will be auditioned and selected by the choral director. Based on auditions, students will be placed in Anthem (preparatory ensemble) or placed in Synergy, the highest level. Interested students in grades 9-12 must be

able to sing in the pop/a cappella style and, therefore, must audition in this style. Auditions will also be held for vocal percussionists. Both groups will perform at concerts and community functions. Students will earn .5 high school credit for successfully completing this course. This class will meet three to four days per week, “0” period, (7:30-8:10 a.m. and during lunch) **Enrollment: Audition. Additional Requirements: Concurrent enrollment in the High School Concert Choir or Symphonic Chorale is required.**

**CREDIT:** .5                      **LENGTH:** FULL YEAR

### **Music Theory (8400)**

This is an advanced course in Music Theory. Students will learn notation skills, rhythmic, melodic, and harmonic dictation, scale construction, sight singing, and part writing. *This course is open to students in grades 10-12 who have both an extensive musical background and permission of the instructor.*

**CREDIT:** .5                      **LENGTH:** ONE SEMESTER

### **AP Music Theory (8410)**

AP Music Theory is an advanced, high-level study of music theory designed to prepare students for the AP exam. Students will learn advanced techniques in notation, dictation, sight singing, and harmonic construction. *Admission to the class is by instructor permission based upon musical aptitude and demonstrated competence in theory and performance. Students are required to take the AP exam.*

**FEES:** \$105 AP Exam

**CREDIT:** 1                      **LENGTH:** FULL YEAR

## **HEALTH EDUCATION & PHYSICAL EDUCATION**

Beginning with the Fall 2022 season, students were given the opportunity to earn a PE Waiver to meet the physical education graduation requirements. To earn a PE Waiver, students must participate in interscholastic athletics and/or cheerleading for two full seasons or two full years of marching band including band summer camp and submit the PE Waiver Form to the OHS School Counseling Office prior to the beginning of the school year. With this plan, the PE graduation requirement is met but no credit will be posted to the student’s transcript. Students will continue to have the option of earning transcribed credit by taking PE courses.

### **Physical Education I (9100)**

This course provides all students the opportunity to learn the benefits of physical fitness and gain an appreciation of obtaining and maintaining an active and healthy lifestyle.

Students will practice a variety of ways to increase their flexibility, cardiorespiratory endurance, as well as muscular strength and endurance. At the end of the course students will be able to create a physical activity plan that would help them maintain or improve their fitness throughout life. ***One-half credit in physical education is required for graduation. Students must take the equivalent of at least one-quarter credit of physical education during the regular school year.***  
**CREDIT: .25                      LENGTH: ONE SEMESTER**

### **Physical Education II (9110)**

This course stresses development of skills in a wide variety of individual, dual, and group activities. Students will learn and practice responsible social behaviors in a physical activity setting. At the end of this course, students will be able to find ways to enjoy physical activity throughout their lifetime. ***One-half credit in physical education is required for graduation. Students must take the equivalent of at least one-quarter credit of physical education during the regular school year.***  
**CREDIT: .25                      LENGTH: ONE SEMESTER**

### **Weight Training (Elective) (9220)**

This course will use a variety of weight lifting techniques to increase muscular strength and endurance. Students will learn how to safely exercise using proper form and technique. Students will learn how muscles work, how they grow, the nutrition they need to propel growth, and how their development can facilitate a healthy body composition. ***This course is open to ALL students grades 9-12.***  
**CREDIT: .5                      LENGTH: ONE SEMESTER**

### **Stretching & Flexibility (Elective) (9230)**

This course is designed to build flexibility, strength, awareness, and harmony in both the mind and body. Students will practice a variety of stretching techniques that will allow them to experience the benefits of flexibility and full range of joint mobility. ***This course is open to ALL students grades 9-12.***  
**CREDIT: .5                      LENGTH: ONE SEMESTER**

### **Lifetime Sports and Athletic Leadership (Elective) (9240)**

This course is designed to help students develop knowledge and skills in both athletic performance and sports management. Students will participate in lifetime sports activities as well as assume various leadership roles such as coach, manager, and other key positions within a sports organization. Students will explore key aspects of

coaching, team strategy, and event coordination while learning how to manage the administrative side of sports. ***This course is open to ALL students grades 9-12.***  
**CREDIT: .5                      LENGTH: ONE SEMESTER**

### **Health Education (9300)**

The course will emphasize the mental, social and emotional growth of the adolescent. Topics such as drug abuse, smoking, drinking, mental health, communicable diseases, first aid and CPR will be discussed. Students will be encouraged to involve themselves in their own health education. ***It is highly recommended that students take Health during their freshman or sophomore year.***  
**CREDIT: .5                      LENGTH: ONE SEMESTER**

## **ENRICHMENT**

### **Senior High Enrichment (9826)**

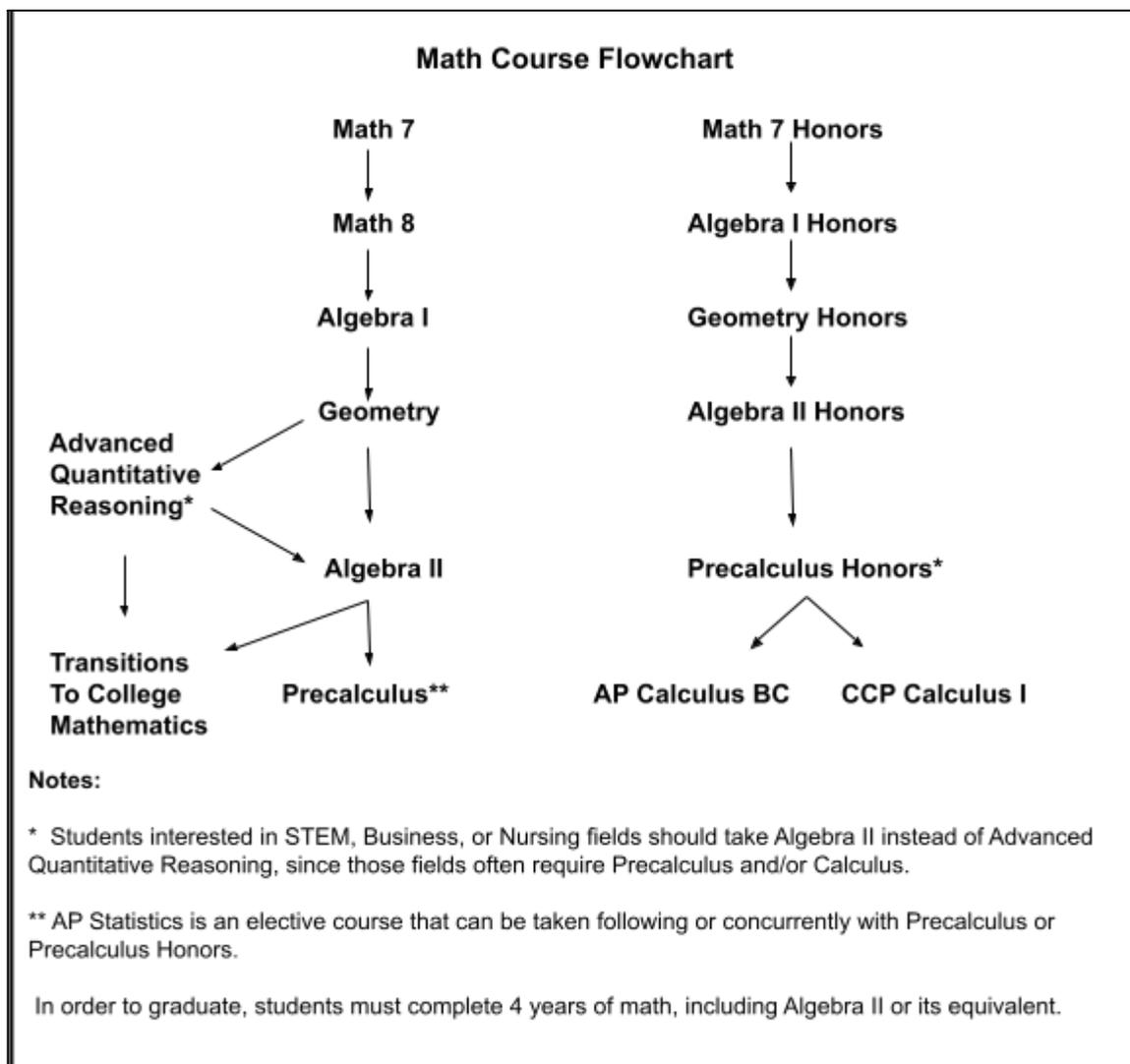
This yearlong course will require some face-to-face meetings and an online component. Students will complete literature studies alongside self-study of leadership traits, goal setting and passion learning. Personal reflection and biography study are tools students will use to examine the significance of giftedness in adulthood. ***Senior High Enrichment earns a .25 credit independent study on a pass/fail basis for students in grades 9-12. Prerequisite: Gifted identification in superior cognitive (ability scores).***  
**FEES: \$15.00- Class Fee**  
**CREDIT: .25                      LENGTH: FULL YEAR**

## PROGRAM OF STUDY (Listed by Department)

NOTE: Grade level listed is a recommendation only. Individual needs and teacher recommendations are always considered in the final selection of courses. Therefore, some students may schedule classes at other times than the grade level mentioned.

<b>Department</b>	<b>Course #</b>	<b>Subject</b>	<b>Recommended Grade</b>	<b>Credit</b>
<b>ENGLISH</b>	0120	English I	9	1.00
	0130	English I H	9	1.00
	0220	English II	10	1.00
	0230	English II H	10	1.00
	0250	AP English II Seminar	10	1.00
	0320	English III	11	1.00
	0330	English III H	11	1.00
	0340	AP English III Language and Composition	11	1.00
	0420	English IV	12	1.00
	0429	English IV H/CCP <i>Great Books: Literature</i>	12	1.50
	0440	AP English IV Literature and Composition	12	1.00
	0501	Yearbook: Print Media I	9-12	1.00
	0502	Yearbook: Print Media II	10-12	1.00
	0510	Media Publishing and Broadcasting	9-12	1.00
	0530	Academic Decathlon	9-12	1.00
	0600	The Art of Public Speaking and Dramatics	9-12	.50
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<b>WORLD LANGUAGE</b>	4110	French I	9	1.00
	4130	French II	10	1.00
	4140	French II H	9	1.00
	4150	French III	11	1.00
	4162	French III H/CCP French III	10-12	1.00
	4174	French IV/CCP French IV	11-12	1.00
	4171	AP French V (Language and Culture)	12	1.00
	4200	Spanish I	9	1.00
	4220	Spanish II	10	1.00
	4230	Spanish II H	9	1.00
	4240	Spanish III	11	1.00
	4252	Spanish IV/CCP Spanish IV	11-12	1.00
	4262	Spanish III H/CCP Spanish III	10-12	1.00
	4270	AP Spanish V (Language and Culture)	12	1.00
	4310	CCP Beginning Amer. Sign Language I	9-12	1.00
	4320	CCP Beginning Amer. Sign Language II	9-12	1.00
	4330	CCP Intermediate Amer. Sign Language I	9-12	1.00
4340	CCP Intermediate Amer. Sign Language II	9-12	1.00	

<b>Department</b>	<b>Course #</b>	<b>Subject</b>	<b>Recommended Grade</b>	<b>Credit</b>
<b>MATH</b>	2100	Algebra I	9	1.00 (.50 X 2)
	2200	Geometry	9-10	1.00 (.50 X 2)
	2210	Geometry H	9	1.00 (.50 X 2)
	2220	Algebra II H	10	1.00 (.50 X 2)
	2300	Algebra II	10-11	1.00 (.50 X 2)
	2310	Pre-Calculus	11-12	1.00 (.50 X 2)
	2320	Pre-Calculus H	11	1.00 (.50 X 2)
	2400	AP Calculus AB	12	1.00 (.50 X 2)
	2405	CCP Calculus 1	12	1.00
	2410	AP Calculus (BC Syllabus)	12	1.00
	2420	CCP Linear Algebra	12	1.00
	2425	AP Statistics	11-12	1.00
	2430	CCP Elementary Differential Equations	12	1.00
	2450	Transitions to College Mathematics	12	1.00 (.50 X 2)
	2460	Advanced Quantitative Reasoning	11	1.00 (.50X2)



The Mathematics Department believes that it is best for students to take one year of math per year and to master the concepts as they go. However, for students on the above left pathway that want to accelerate so that they can take a calculus course in high school, the best options are:

1. Following Math 7, take the online summer program “TRECA,” and after successful completion, take Algebra 1 Honors the following school year.
2. Following Algebra I, take Geometry and Algebra II concurrently during 10th grade.

<u>Department</u>	<u>Course #</u>	<u>Subject</u>	<u>Recommended Grade</u>	<u>Credit</u>
SCIENCE/	3100	Physical Science	9	1.00 (.50 X 2)
ENGINEERING	3200	Biology	9-10	1.00
	3201	AP Biology	11-12	1.00
	3300	Chemistry	10-12	1.00

3310	AP Chemistry	11-12	1.00
3400	Physics	11-12	1.00
3410	AP Physics C	12	1.00
3500	Human Anatomy & Physiology	11-12	1.00
3605	Geology	11-12	.50
3700	Forensic Science I	11-12	.50
3705	Forensic Science II	11-12	.50
3800	Environmental Science	11-12	.50
3805	Biotechnology	11-12	.50
3815	Botany	11-12	.50
3825	Intro to Organic Chemistry	11-12	.50
6500	Introduction to Engineering Design	9-12	1.00
6510	Principles of Engineering (POE) *	10-12	1.00
6514	Principles of Engineering * Applied Science (POE-Science)	10-12	.50
6515	Principles of Engineering * Robotics (POE-Robotics) *	10-12	.50
6530	Civil Engineering & Architecture*	10-12	1.00
6540	Aerospace Engineering*	10-12(Not offered 2025-2026)	1.00

\* Also listed under engineering

### Science Course Flow Chart

**Note: Graduation requirements state that students must complete 3 units of science including a life science credit, a physical science credit and an advanced science credit.**



**Note: Students have their choice of advanced science courses pending completion of prerequisites  
Semester courses are denoted with an \***

<b>Chemistry</b> (Advanced Science)	<b>AP Biology</b> (Advanced Science)	<b>Botany*</b> (Advanced Science)	<b>Forensics I*</b> (Advanced Science)	<b>Environmental*</b> (Advanced Science)
<b>Physics</b> (Advanced Science)	<b>AP Chemistry</b> (Advanced Science)	<b>Biotechnology*</b> (Advanced Science)	<b>Forensics II*</b> (Advanced Science)	<b>Intro to Organic Chemistry*</b> (Advanced Science)
<b>Anatomy &amp; Physiology</b> (Advanced Science)	<b>AP Physics</b> (Advanced Science)	<b>Geology*</b> (Advanced Science)	<b>Civil Engineering</b> (Elective Credit)	<b>Principles of Engineering</b> (Advanced Science)

**Note: In order to meet the science requirement for an *Academic Honors Diploma*, students must earn four units of science.**

<u>Department</u>	<u>Course #</u>	<u>Subject</u>	<u>Recommended Grade</u>	<u>Credit</u>
<b>SOCIAL STUDIES</b>	1210	Modern World Studies	9	1.00
	1220	AP World History: Modern	9	1.00
	1300	Modern American History	10	1.00
	1310	AP United States History	10	1.00
	1340	CCP Western Civilizations to 1500	11-12	1.00
	1360	CCP History of the Holocaust and Genocide Studies	11-12	1.00
	1415	AP Psychology	11-12	1.00
	1420	Sociology	11-12	.50
	1430	AP Human Geography	11-12	1.00
	1460	Comparative Religion	11-12	.50
	1485	Economics	11-12	.50
	1480	Civics: American Government	11-12	1.00
	1495	AP U.S. Government & Politics	11-12	1.00
	1498	CCP International Politics	11-12	1.00

<b>Department</b>	<b>Course #</b>	<b>Subject</b>	<b>Grade</b>	<b>Credit</b>
<b>BUSINESS EDUCATION</b>	5600	CCP Introduction to Financial Accounting	11-12	1.00
	5610	Business Basics	9-10	.50
	5620	Law and Your Life	11-12	.50
	5630	Make It Matter with Marketing	10-12	.50
	5640	Wall Street 101	11-12	.50
<b>COMPUTER SCIENCE</b>	9020	Film & Media Production	9-12	.50
	9050	Computer Programming	9-12	.50
<b>COMMUN- ICATIONS</b>	9060	CCP Introduction to Mass Communication	9-12	1.00
<b>FAMILY &amp; CONSUMER SCIENCES</b>	7115	Career and College Readiness	11-12	.50
	7125	Child Development	9-12	.50
	7185	Global Foods	9-12	.50
	7135	Interior Design	9-12	.50
	7145	Financial Literacy	10	.50 credit flex
	7175	Principles of Nutrition and Wellness	9-12	.50
<b>FINE ARTS</b>	6110	Art I	9-12	.50
	6120	Art II	9-12	1.00
	6200	Art III (Ceramics, Painting & Portfolio Dev.)	10-12	1.00
	6220	Art Encounters	10-12	.50
	6210	AP Studio Art	11-12	1.00
	6215	Portfolio Development	11-12	1.00
	7600	Graphic Arts I	11-12	.50
	7610	Advanced Graphic Arts – Independent Study	11-12	.25
<b>MUSIC</b>	8120	Senior High Concert Band	9-12	1.00
	8160	Senior High Wind Ensemble	10-12	1.00
	8150	Senior High Jazz Band	9-12	.25
	8130	Concert Orchestra	9-11	1.00
	8140	Symphony Orchestra	9-12	1.00
	8170	Senior High Honors Orchestra	9-12	.25
	8210	Basic Guitar	9-12	.50
	8220	Advanced Guitar	9-12 (Not offered 2025-26)	.50
	8300	Concert Choir	9-12	1.00
	8310	Symphonic Chorale	10-12	1.00
	8320	Honors Synergy/Anthem	9-12	.50
	8400	Music Theory	10-12	.50
8410	AP Music Theory	11-12	1.00	

<b>Department</b>	<b>Course #</b>	<b>Subject</b>	<b>Grade</b>	<b>Credit</b>
<b>HEALTH &amp; PHYSICAL EDUCATION</b>	9100	Physical Education I	9-10	.25
	9110	Physical Education II	9-10	.25
	9220	Weight Training	9-12	.50
	9240	Lifetime Sports and Athletic Leadership	9-12	.50
	9230	Stretching & Flexibility	9-12	.50
	9300	Health Education	9	.50
<b>ENRICHMENT</b>	9826	Senior High Enrichment – Independent Study	9-12	.25

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## NOTES