Fairborn High School

Course of Study

SKYHAWKS

2023-2024

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Introduction

This *Course of Study* booklet provides important information about the courses offered at Fairborn High School as well as state and local requirements for graduation, academic awards and curricular options.

Students should make course selections carefully. Being familiar with the *Course of Study* will help you make appropriate high school course selections. We encourage you and your parents to read through the *Course of Study* with your future academic plans in mind. The courses that students select should be based on their abilities, graduation requirements and goals for the future.

Every effort will be made to accommodate students' course requests for the following school year; however, enrollment numbers and staffing constraints may ultimately affect which courses and/or how many sections of each course are able to be scheduled. Information about any new course offerings or cancellation of courses will be shared with the student body as the information becomes available. If you have any questions or concerns about course offerings or the scheduling process, please contact your counselor:

School Counselors

Rachel Bishop (last names A-D) Kristin Drakeford (last names L-R) Jennifer Franks (Crisis/Mental Health) Melissa Hensel (last names E-K) Rachel Ebert (last names S-Z)

Definition of Terms

Several words or expressions will be used throughout this booklet. Some of the most important ones are explained below:

Credit One high school credit is awarded for each course that meets five days a week for a school year.

One-half of a high school credit is awarded for each course that meets five days a week for one semester. Exceptions: one-fourth high school credit is awarded for some physical education courses, and courses offering post-secondary education credits may have different credit values

assigned.

Required Courses that a student must take and pass in order to graduate.

Elective Courses that are not specifically required but may be used toward fulfilling graduation

requirements in some cases.

Prerequisite Coursework, grade-level status, and/or other requirements that must be fulfilled in order

to enroll in a course.

Definition of Terms (continued)

Transcript A complete record of courses taken, marks earned, total number of credits attempted

and earned, GPA, class rank, EOC/SAT/ACT test results, and attendance records for a

particular student.

Grade Point Average Calculation based on final grades, attempted credits and honors points; GPAs are

cumulative with the exception of those calculated for quarterly honor roll and eligibility.

Honors Points Additional points added to the GPA for successful completion of designated honors

courses.

Grading Scale: A (90-100%) B (80-89.99%) C (70-79.99%) D (60-69.99%) F (0-59.99%)

Class Status: Class status is determined by the total number of credits the student has earned:

0 – 4.75 credits: 9th grade (Freshman) 10 – 14.75 credits: 11th grade (Junior) 5 – 9.75 credits: 10th grade (Sophomore) 15 or more credits: 12th grade (Senior)

Class status is set at the beginning of the school year, and <u>class promotions occur only one</u> time per year. Students who do not earn the minimum number of credits for the next successive

class status will be retained.

Fairborn High School Graduation Requirements

Students may earn a diploma from Fairborn High School by meeting the following requirements:

- 1. Complete all Fairborn High School curriculum requirements of twenty-one (21) credits. Fairborn High's curriculum requirements exceed the number of credits set by the Ohio Department of Education.
- 2. Have paid all outstanding school fees and/or debts.
- Take and pass the state-designated end-of-course exams (EOCs) -OR- take the state-designated EOCs and qualify
 for one of three competency options for graduation as set by the Ohio Department of Education.
- 4. Earn at least two of the diploma readiness seals, one of which must be Ohio-designated.

Classes of 2023 & Beyond Required State Tests (EOCs):

Students must earn a passing score on the state tests listed below as per the point requirements set by the state of Ohio. Refer to pages 5-6 for details regarding three additional ways that students can show competency if they have retaken and not passed the two required tests:

- Algebra I
- English Language Arts II

While the two tests above have minimum score requirements as a condition for graduation, students are also required to <u>take</u> the following End-Of-Course (EOC) state tests:

- Geometry ²
- Biology[^]
- American History*
- American Government*

NOTES:

- ² Recent changes to state law direct the Ohio Department of Education to work with the U.S. Department of Education to ensure compliance with federal testing requirements for mathematics. Following these discussions, the geometry EOC test may be eliminated. Until that time, FHS will continue to administer the geometry EOC to students enrolled in a geometry course for the first times and have not already taken the test.
- ^ All students must take the biology EOC, however, the highest value of a students' biology EOC, CCP course grade, and/or AP test score will be used to for biology graduation points.
- *College Credit Plus courses or approved advanced Placement (AP) tests in the subject area will satisfy the EOC test requirement in American history and American government. Students completing CCP courses in American history or American government will not need to take the EOCs in those subjects and will earn graduation points based on the letter grade earned.





Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions — one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

| English language arts | 4 credits | |
|-----------------------|-----------|--|
| Health | ½ credit | |
| Mathematics | 4 credits | |
| Physical education | ½ credit | |
| Science | 3 credits | |
| Social studies | 3 credits | |
| Electives | 5 credits | |

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1

Demonstrate Two Career-Focused Activities*:

Foundational

Proficient scores on WebXams A 12-point industry credential

A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

Option



Enlist in the Military

Show evidence that you have 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.

*At least one of the two must be a Foundational skill



Third, show readiness

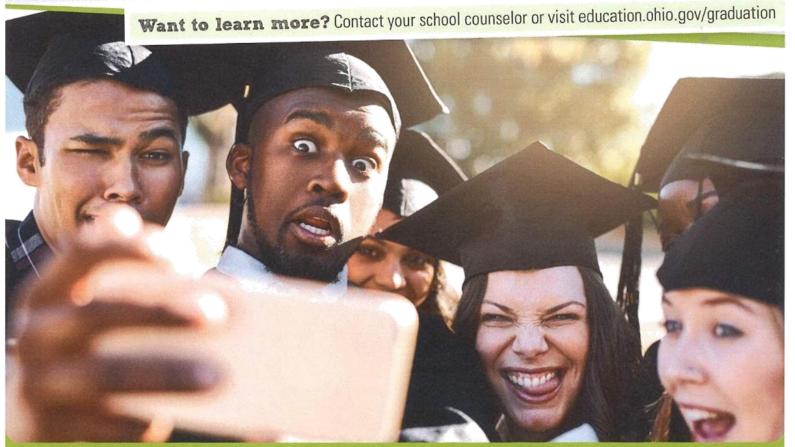
Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

At least one of the two must be Ohio-designed:

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

Looking for information about what you must do to earn one of these diploma seals?

You got it!
See the next two pages for the details.



Diploma Seals: Demonstrating Readiness

In addition to fulfilling curriculum requirements and meeting the competency requirements listed above, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical, and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students must demonstrate readiness by earning at least two diploma seals, at least one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. [Note: State law requires districts and schools to develop guidelines for at least one of the locally defined diploma seals.]

| Seal (and Classification) | Requirements |
|---------------------------------------|--|
| Citizenship Seal (State) | Students must satisfy one of these American History options: 1. Earn a final course grade of "B" or higher in an American History course 2. Earn a score of proficient or higher on the American History EOC 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US History 4. Earn a "B" or higher in a 3-credit hour American History CCP course. AND one of these American Government options: 1. Earn a final course grade of "B" or higher in an American Government course 2. Earn a score of proficient or higher on American Government EOC 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test in US Government 4. Earn a "B" or higher in a 3-credit hour American Government CCP course NOTE: Students with an IEP who participate in the Ohio Alternate Assessment for Students with the Most Significant Cognitive Disabilities may earn the Citizenship Seal by earning a score of Basic on the social studies alternate assessment. |
| College-Ready Seal (State) | Earn remediation-free scores on the areas of the ACT or SAT listed below. NOTE: Minimum scores are subject to change – check ODE for updates ACT English subscore 18 or higher Reading subscore 22 or higher Math subscore 22 or higher Math subscore 22 or higher *Evidence-Based Reading and Writing |
| Community Service Seal (Local) | Complete forty (40) hours of community service during high school (grades 9-12) as approved by administration and/or school counselors prior to engagement. In addition to the service hours, the students must meet documentation requirements, including: 1. Completed Community Service Experience Agreement Form 2. Log of Completed Hours verified by the community organization seal. Contact your counselor for additional information and for the forms. |
| Fine and Performing Arts Seal (Local) | Earn 3 Fine Arts credits during grades 9-12; OR Earn 2 Fine Arts credits during grades 9-12 and participate in at least one community/school-based fine arts performance separate from the activities or requirements associated with the 2-credits earned. Students will be required to submit verification of participation in any activity completed outside of FHS instructional time. Documentation may include a certificate/letter/award verifying participation by the hosting organization that includes the student's full name and date as well as photographs or other such verification of the work being displayed a the event. NOTE: For students who enroll in FHS late in their high school career, one (1) art show participation may be equivalent to two (2) Level 1 semester art classes. All submitted work must be juried by the FHS Art Department and Administration for credit. |

Honors Diploma Seal (State)

Earn one of six Honors Diplomas below (and explained further on pages 9-11):

- 1. Academic Honors Diploma;
- 2. International Baccalaureate Honors Diploma;
- 3. Career-Tech Honors Diploma;
- 4. STEM Honors Diploma;
- 5. Arts Honors Diploma;
- 6. Social Science and Civic Engagement Honors Diploma.

<u>Industry-Recognized</u> <u>Credential Seal</u> (State)



 Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions. For a current list of Industry-Recognized Credentials by career field look here; OR

 Obtain a state-issued license for practice in a vocation that requires an examination.

Contact your counselor for a list of available credentials and any qualifying assessments that must be passed.

<u>Ohio Means Jobs-Readiness</u> <u>Seal</u> (State)



- Demonstrate proficiency in each of the 15 identified professional skills
- Using the Ohio Means Jobs Readiness form document how you have demonstrated these skills at school, work, or in the community
- Have each skill validated by at least one of three mentors

Military Enlistment Seal (State)



- 1. Provide evidence of enlistment in a branch of the U.S. Armed Forces; OR
- 2. Participate in an approved JROTC program for a minimum of two school years.

Science Seal (State)



Students must satisfy at least one of these options:

- 1. Earn a final course grade of "B" or higher in an Advanced Science course
- 2. Earn a score of proficient or higher on the Biology EOC
- 3. Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate science test
- 4. Earn a "B" or higher in a CCP science course.

NOTE: Students with an IEP who participate in the Ohio Alternate Assessment for Students with the Most Significant Cognitive Disabilities may earn the Science Seal by earning a score of **Basic** on the science alternate assessment.

State Seal of Biliteracy (State)



Meet <u>the requirements and criteria</u>, including proficiency requirements on assessments in a world language and English.

Student Engagement Seal (Local)



Complete three (3) years of meaningful participation during grades 9-12, defined as 80% attendance, in Fairborn High School organizations/clubs, Fairborn High School athletics, or other extracurricular activities approved by administration and/or school counselors. The advisor or coach of the organization must officially verify students' 80% attendance via membership/team rosters.

Contact your counselor for additional information and for the forms.

Technology Seal (State)



- Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate test; OR
- 2. Earn a final course grade of "B" or higher in an appropriate CCP technology course; **OR**
- 3. Complete a technology course that meets criteria established by ODE. (NOTE: Schools are not required to offer a course that meets those guidelines.)

Fairborn High Graduation Curriculum Requirements

The Fairborn Board of Education mandates that at the time of graduation each student will have fulfilled all state testing, academic and financial obligations. A good school record is the best recommendation an applicant can offer, either to a college or to a job. A record of good personal behavior and cooperation will be expected.

| Courses | Required Credits |
|--|------------------------|
| | <u>tequired Greats</u> |
| English Including: English 9, English 10, English 11, and English 12 or more advanced study | 4 |
| Mathematics | 4 |
| Including: Algebra I, Geometry, Algebra II (or Alg 2 alternative), and one additional cred | • |
| Science | 3 |
| Including: 1 Biological Science, 1 Physical Science, and 1 Advanced Science course | |
| Social Studies | 3 |
| Including: World Studies, American Studies, and American Government | |
| Visual Arts and/or Performing Arts | 1 |
| If 2 semesters are successfully completed in grades 7/8, then substitute any other election | ` ' |
| Health | 1/2 |
| Physical Education | 1/2 |
| Personal Financial Literacy | 1/2 |
| Students attending GCCC will fulfill the economics & financial literacy state requirement through courses taken at the GCCC. | S |
| Electives | $4\frac{1}{2}$ |

Recommended Credits Include:

| Subject Area | College-Prep | Career-Technical Prep |
|---|--------------|-----------------------|
| English | 4+ credits | 4+ credits |
| Math | 4+ credits | 4+ credits |
| Science | 4+ credits | 3+ credits |
| Physical Education | ½ credit | ½ credit |
| Health | ½ credit | ½ credit |
| Social Studies | 4+ credits | 3+ credits |
| Performing Arts, Visual Arts, and/or Applied Arts | 2+ credits | 3+ credits |
| Modern World Language | 2+ credits | |

Four-Year Plan: It is recommended that each student develop a four-year plan and revise it each year as a means to help ensure that graduation requirements are being addressed each year. A worksheet is available on page 21 for students to use as a tool to develop such a plan and to track their own progress.

Early Graduation

Early graduation is an option for students who will complete all graduation requirements in less than four school years. If circumstances exist which seem to warrant early graduation, the principal, after careful consideration and discussions with the parents or guardians, the student and the counselor, may grant permission for early graduation.

- Requests for early graduation must be made in writing by the parents/guardians to the principal by December 15 for a spring or summer graduation. The school cannot guarantee that a diploma and cap and gown can be ordered and delivered in time for students to participate in the graduation ceremony if these deadlines are not met.
- Students' final rankings will be with the class in which they graduate.
- Students who graduate in the summer may receive their diplomas in the principal's office, or they may request to participate in the next year's graduation ceremony.
- Upon graduation, students are no longer eligible to participate in school-sponsored activities.

Transfer Credits

Transfer credits and grades for secondary school courses earned by a student in other chartered Ohio schools or schools approved or accredited by the Department of Education in another state will be accepted by Fairborn City Schools. Credits will be awarded according to guidelines established by the Ohio Department of Education and Fairborn City Schools.

- 1. Credit for religious courses **cannot** be counted toward the minimum number of credits required for a Fairborn High School diploma.
- 2. Honors credit and/or honors credit GPA weights will only be transferred to FHS for those courses that are offered for honors credit/weighting at Fairborn High School.

Credits from *non-chartered schools and schools in foreign countries* will be evaluated by the principal and may or may not be accepted based on the following:

- 1. Criteria for such determination will include the number of days the school was in session, length of the official school day, the number of scheduled meetings per course and the clock hours per year for each course, as well as course content.
- 2. The principal also may request evidence that the courses were taught by teachers holding properly validated certificates from the appropriate state education agency.
- 3. The principal may consider the student's past academic history, including courses taken, grades earned and the results of standardized and criterion-referenced testing. The principal may require additional testing to determine the best educational placement for the student.

Home-schooled students enrolling at Fairborn High School are subject to the following:

- 1. The parents or guardians will provide official results of a recognized standardized achievement test taken within three months prior to enrolling in Fairborn City Schools, preferably the California Achievement Test (CAT) or the lowa Test of Basic Skills (ITBS). The Universal Tutoring Center is a place where parents or guardians can have these tests administered at their expense. Their telephone number is (937) 299-1950.
- 2. The parents or guardians will provide a list of the subjects that were studied at home.
- 3. The parents or guardians will provide a copy of the notification form from Fairborn City Schools or the district where the student was home schooled showing that the student was officially home schooled.
- 4. The parents or guardians will provide the educational materials that were used.
- 5. The parents or guardians will provide a written evaluative report from the home-schooling instructor.
- 6. The parents or guardians will provide a list of the hours per day in class and number of days attended for the year.
- 7. The student may be required to take the Fairborn High School final exam for the corresponding course to determine if credit will be awarded.
- 8. For courses that are accepted for credit, the student will receive a grade of "Pass" with a "home schooling" notation on the transcript. These courses will not be calculated into the grade point average (GPA).

Academic Distinction Awards Upon Graduation

Valedictorian(s) and Salutatorian(s) Determination

The valedictorian(s) and salutatorian(s) will be determined at the conclusion of the 7th semester from the roster of students who have spent at least four years in high school. The student(s) with the highest 7th-semester weighted GPA (rounded to three decimal places) will be named the valedictorian(s) and the second highest will be named the salutatorian(s). In calculating the 7th-semester weighted GPA, a weight of .025 credit will be added for each semester-long *honors* course (including AP and CCP classes), and a weight of .05 will be added for any year-long *honors* course (including AP and CCP classes) completed during the 7 semesters, as well as courses in progress for the 8th semester. Courses that earn credit in increments besides ½ or 1 credit will be weighted proportionally.

Class Rank Calculation

Class rank is determined using a 4.0 scale and the weighted GPA. Class rankings are calculated at the end of each semester.

Grade Point Average (GPA) Calculation

All letter grades have values: A=4; B=3; C=2; D=1; F=0. "Pass/fail" classes are not included. **Quality points** are calculated by multiplying the grade value by the credit attempted. The **unweighted GPA** is calculated by dividing the total number of quality points by the total number of credits attempted (not earned). GPAs are rounded to three decimal places. The **weighted GPA** includes all honors points; .025 per successfully completed ½ credit honors course added to the unweighted GPA and weight of .05 will be added for any one credit honors course. For students who transfer to Fairborn High School from another high school, points for an honors course will be awarded only if that same course is offered with honors designation at Fairborn High School. GPA is calculated at the end of each semester.

Diploma with Honors Requirements

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences. Students achieving this award of merit will be recognized at the graduation ceremony as receiving a "diploma with honors," however the specific type of honors diploma will not be announced.

Ohio students can pursue one of six honors diplomas:

Academic Honors Diploma

International Baccalaureate (IB) Honors Diploma

[Note: Fairborn City Schools' approved curricula does not include IB, therefore this option is not available.]

Career Tech Honors Diploma

STEM Honors Diploma

Social Science and Civic Engagement Honors Diploma

Arts Honors Diploma (includes dance, drama/theatre, music and visual art)

The GPA requirement for each Honors Diploma is a 3.5 on an <u>unweighted</u> 4.0 scale. See the chart on the next page for details related to the requirements for each of the Honors Diploma types.

Final Grade Calculation

- 1. The final mark in a <u>yearlong course</u> is determined from the arithmetical average of the **four quarterly** percentage marks. Each guarter accounts for 25% of the final grade.
- 2. The final mark for a <u>semester course</u> is determined from the arithmetical average of the **two quarterly** percentage marks. Each quarter accounts for 50% of the final grade.
- 3. Final Mark Grading Scale:

A = 90 - 100% B = 80 - 89.99% C = 70 - 79.99% D = 60 - 60.99% F = 0 - 59.99%

Diploma with Honors Requirements



Ohio High School Honors Diploma

| Criterion | Ohio Diploma | Academic Honors Diploma | International Baccalaureate Honors Diploma | Career Tech Honors Diploma | STEM Honors Diploma | Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art) | Social Science & Civic Engagement Honors Diploma |
|-----------------------------------|--|---|---|---|--|--|---|
| Math | 4 units, must include one unit of algebra II or equivalent | 4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | S units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content | 4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content |
| Science | 3 units | 4 units, including two units of advanced science ² | 4 units, biology, chemistry, and at least one additional advance science ² | 4 units, including two units of advanced science ² | 5 units, including two units of advanced science ² | 3 units, including one unit of advanced science ² | 3 units, including one unit of advanced science ² |
| Social Studies | 3 units | 4 units | 4 units | 4 units | 3 units | 3 units | 5 units |
| World Languages | N/A | 3 units of one world language, or no less than 2 units of each of two world languages studied | 4 units minimum, with at least 2 units in each language studied | 2 units of one world language studied | 3 units of one world language, or no less than 2 units of each of two world languages studied | 3 units of one world language, or no less than 2 units of each of two world languages studied | 3 units of one world language, or no less than 2 units of each of two world languages studied |
| Fine Arts | 2 Semesters | 1 unit | 1 unit | N/A | 1 unit | 4 units | 1 unit |
| Electives | 5 units | N/A | N/A | 4 units of Career-Technical minimum ³ | 2 units with a focus in STEM courses | 2 units with a focus in fine arts course work | 3 units with a focus in social sciences and/or civics |
| GPA | N/A | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale | 3.5 on 4.0 scale | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale | 3.5 on a 4.0 scale |
| ACT/SAT/ WorkKeys ¹ | N/A | 27 ACT/1280 SAT ⁸ | 27 ACT/1280 SAT ⁸ | 27 ACT/1280 SAT ⁸ /WorkKeys (6 Reading for Information & 6 Applied Mathematics) ⁷ | 27 ACT/1280 SAT ⁸ | 27 ACT/1280 SAT ⁸ | 27 ACT/1280 SAT ⁸ |
| Field Experience | N/A | N/A | Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵ | Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵ | Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵ | Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵ | Complete a field experience and document the experience in a portfolio specific to the student's area of focus ⁵ |
| Portfolio | N/A | N/A | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts. | Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts. | Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts | Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts | Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶ |
| Additional Assessments | N/A | N/A | | Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent | N/A | N/A | N/A |

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

1/24/17

Diploma with Honors Requirements (continued)



Ohio High School Honors Diploma

VOTES:

For the Academic, International Baccalaureate, and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the OhioRevised Code including:

k unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

² Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

The student portfolio is a collection of experiential learning and competencies based on the student's field experiences. Students will engage with professionals or scholars in the field while developing their professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or diploma area of focus.

² Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score equirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

are scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found here. Further information on test concordance can be found here.

GPA for Honor Roll and Principal's List

(GPA for these considerations are only calculated quarterly)

- 1. A student must be carrying the equivalent of 5 credits per semester at FHS or via College Credit Plus classes.
- 2. All subjects are to be counted. This includes band, choir, physical education, and health.
- 3. **Honor Roll:** A full 3.0 grade point average is necessary for eligibility.
- Principal's List: A full 3.6 grade point average is necessary for eligibility.

Criteria for Athletic and Extra-Curricular Eligibility

(GPA for this consideration is calculated quarterly)

- 1. Student must be carrying the equivalent of 5 credits per semester at FHS or via College Credit Plus classes.
- 2. Student must have a 2.0 GPA and be passing 5 or more credits to be considered eligible. PE courses worth ¼ credit will not be considered in the 5-course requirement but will be considered in the 2.0 GPA calculation.
- 3. Student is currently enrolled in school.
- 4. All student-athletes, including first-time incoming freshmen, must maintain a GPA of 2.0 during the preceding grading period.
- 5. All Fairborn secondary students including those with an IEP are subject to this policy.
- 6. Every student-athlete can receive one eligibility exemption in middle school as well as one in high school. If a student has a GPA lower than 2.0, but it falls with the range of 1.5 to 1.9 (unweighted), then the student qualifies for the exemption. The exemption is valid only during the grading quarter in which it is applied. Once a student uses this exemption, should he/she fall below a 2.0 in future grading periods, he/she will be ineligible during that current quarterly grading period.
- 7. Eligibility is for a quarter-term grading period.
- 8. Pass/fail classes count toward the 5 credit requirement but are not calculated into the GPA for the purposes of athletic eligibility.
- 9. Students in off-campus or online CCP courses are responsible for accurate submission of quarterly grades to the FHS Guidance Office by the established deadline(s).

Specific Activities that are governed by this eligibility policy:

- 1. all high school/middle school athletics
- 2. all high school/middle school bands, choirs and orchestras for participation in all contests and programs
- 3. high school-chamber chorale, show choir, pep band, stage band, flag corps, marching corps, marching band, chess club, League Activities, mock trial, science competition club, speech/debate, drama club, and student congress/service club
- 4. middle school drama club and student council

[Adoption date: November 2016] LEGAL REFS: ORC 2305.23; 2305.231, 3313.66; 3313.661, 3315.0

Curricular Program Options

Greene County Career Center (GCCC)

Fairborn High School students have the opportunity to attend the Greene County Career Center. Students must apply and meet the GCCC requirements to participate in the programs offered there. These requirements include a minimum of 8 credits, including ½ credit of Physical Education and ½ credit of Health. Some GCCC programs have additional prerequisite requirements. Contact your FHS School Counselor for more information about the programs GCCC offers, GCCC's enrollment requirements, or to find out more about the Greene County Career Center itself.

Sinclair Tech Prep Scholarship

The purpose of the Sinclair Tech Prep Scholarship is to recognize merit and to provide financial support for students pursuing an associate degree in their Tech Prep program at Sinclair Community College. Students completing the high school requirements of the Tech Prep program and meeting the scholarship qualifications are eligible to receive a \$3,000 scholarship. Beginning fall semester following high school graduation, scholarship recipients may receive up to \$750 per semester to cover tuition and books. Students must complete one credit hour at Sinclair in the school year following their high school graduation in order to activate their scholarship. Once enrolled, the scholarship can be used for up to three years. Most programs at GCCC make students eligible for the Tech Prep Scholarship. In addition, one GCCC program offered at FHS, Marketing, qualifies students for the Sinclair Tech Prep Scholarship. More information about the Tech Prep programs is available from your counselor.

Project Lead the Way (PLTW)

2 Pathways Options to Success in Science, Technology, Engineering and Mathematics

Project Lead The Way is a set of two programs: **Pathway to Engineering** and **Pathway to Biomedical Sciences**. Centered on pre-college curriculums and practical applications of theory, the two PLTW pathway options will prepare students for future programs in engineering or medical fields. The programs provide rigorous, hands-on experiences for students as they learn the key elements and skills associated with each field. Studies of the PLTW curriculum have proven that PLTW students become the kind of prepared, competent, high-tech employees U.S. industry needs to stay competitive in a global market.

FHS offers all 4 levels of the *Pathway to Engineering* and the *Pathway to Biomedical Sciences* programs. Each of the introductory courses (meaning the first class in each series) can be taken as a stand-alone class or as the beginning of the entire series. Students must also be concurrently enrolled in college-preparatory English and mathematics courses.

College Credit Plus (CCP) Dual Enrollment

<u>What it College Credit Plus?</u> College Credit Plus (CCP) is a program designed to help students earn college and high school credits at the same time by taking college courses from universities or community colleges before high school graduation. The purpose of the program is to promote students' rigorous academic pursuits and to provide a wide variety of options to students to in grades 7-12 who meet college admission requirements.

Advantages of CCP:

- Students may earn college credit and high school credit upon successful completion of the course
- Increased rigor and challenges of course offerings before high school graduation
- Per HB 487, CCP courses must receive the equivalent weight as any weighted course within the given content area at FHS
- Course tuition at public colleges/universities is paid for by Fairborn City Schools, provided the maximum course load has not been reached and the student successfully completes the course. Students choosing to enroll in a participating private college or university may incur limited costs.

<u>Eligibility</u>: A student can be eligible to participate in CCP by meeting any one of the following criteria:

- 1. Obtain a remediation-free score on one of the standard assessment exams
- 2. Have a cumulative unweighted high school GPA of at least a 3.00
- 3. Have a cumulative unweighted high school GPA of at least 2.75 but less than 3.00 and received an "A" or "B" in a relevant high school course.

NOTE: If a student's GPA is calculated beyond the hundredths decimal point, then the GPA is rounded to the hundredths place for the purpose of determining the student's eligibility to participate in CCP under the GPA rule.

In addition, if a cumulative unweighted high school GPA is not available to determine eligibility under #1-3 above, the student can be eligible if the student has received an "A" or "B" grade in a relevant high school course. A relevant high school course is defined as a high school course that provides the appropriate academic foundation or career-technical education skills for the college course in which the student intends to enroll, as determined by the applicable institution of higher education." In other words, the decision about what is a qualified course depends on the college.

CCP is available to students in grades 7 through 12. <u>In order for middle school students to utilize the GPA qualification, they will need to have taken relevant high school coursework</u>.

In addition to the state eligibility criteria above, to participate in CCP in the upcoming school year, the student **or** the student's parent/guardian must:

• Complete the Intent to Participate form by the established deadline for the following academic year. To participate in 2023-24, students must meet the strict deadline to submit the Intent to Participate Form of April 1, 2023.

Additionally, the student must:

- Apply directly to the participating university, meet their admission standards, and be accepted into their CCP program
- Register for classes for which they meet the prerequisite requirements outlined by the university they are attending
- Provide his/her own transportation if taking courses on a college campus
- Attend any mandatory informational events for students and parents as required by the Ohio Department of Education

<u>Timeline:</u> Students and parents are required to inform the school district that they intend to participate in CCP by **April 1** for the 2023-24 academic year by completing and returning the **Intent to Participate** form.

<u>Impact on High School Graduation Requirements:</u> CCP courses may be used to meet FHS graduation requirements, however, **no FHS graduation requirements will be waived for any student participating in CCP**.

Amount of Work/Pace/Rigor:

- Courses taken on a college campus will be comprised of students of all ages enrolled at the college, not just students enrolled through CCP. While in college courses, students are introduced to learning environments that promote an open exchange of ideas. Course content is presented on an adult level and class discussions require an understanding of divergent viewpoints and the ability to think critically on controversial issues and course content will not be adjusted based on the age of students in the class.
- Students must understand that CCP courses are college-level and the amount of work, pace, and rigor of content in college courses may be much greater than high school courses.

<u>CCP Textbooks</u>: Procedures for purchasing/obtaining CCP textbooks vary depending on the college and the location of the course. Students are responsible for purchasing/obtaining their textbooks and should work with their FHS counselor to confirm the process when registering for CCP classes.

Academic Credit (CCP to FHS):

3 or more semester credit-hour CCP course = 1 FHS credit 2 semester credit-hour CCP course = 0.66 FHS credit 1 semester credit hour CCP course = 0.33 FHS credit

Annual Maximum CCP hours allowed = 30 Career Maximum CCP hours allowed = 120

- CCP courses will be awarded the same weight as FHS honors courses by subject area. If FHS does not offer an
 honors course in the subject, then the CCP course will not be weighted.
- If students elect to enroll in CCP courses exceeding the maximum number of hours permitted, they will be responsible for all costs associated with those courses outside the scope of the CCP program. In this case, high school credit will be awarded for the successfully completed classes, but the courses will NOT be weighted.
- College course grades become a part of a student's permanent college transcript (in addition to the high school transcript) and are calculated into the college grade point average. Poor performance in CCP courses may affect future university admissions and financial aid.

Transfer of Credits/Transcripts:

- Credits earned through CCP are transferable to many public and private institutions in Ohio and out of the state. If a student attends the same college after high school graduation, then full credit is transferred.
- CCP credit is not guaranteed at out-of-state public colleges and private universities, and Honors Programs may not accept CCP credits in Ohio and/or out of state.
- Students who want to transfer credits to another university need to request transcripts through their CCP institution to be sent to the university they plan to attend. FHS does not have access to college transcripts.
- Web resources for what courses will transfer: www.transferology.com or www.ohiomeanssuccess.gov

Scheduling:

- Students taking CCP courses are subject to the rules and regulations of the university they are currently attending, including add, drop, and enrollment dates.
- Students must request a full FHS schedule prior to registering for college classes. The FHS class schedule may be adjusted, as necessary, but not without cause. Students must have a schedule equivalent to a full-time status.
- Students will not earn credit for college courses which are classified as remedial-level.
- FHS is not responsible for any scheduling conflicts between college courses and FHS classes and/or school activities. This includes credits needed prior to FHS commencement exercises.
- It is the student's responsibility to make sure driving/commute time is sufficient between campuses.
- Federal financial aid may be impacted: federal guidelines limit the number of courses you may attempt, even if they are taken while in high school, to 150% of the number of credits needed for a degree.
- It is the student's responsibility to maintain close communication with both their FHS counselor and their academic advisor(s) at the university/college.
- CCP students are under the same FHS scheduling protocols as full-time FHS students; therefore, students are limited to one (1) aide position or study hall per semester.

Failure or Withdrawal from CCP Course:

- If a student fails OR withdraws from any CCP course, the cost for tuition, fees, and books may be charged to the student/parent.
- No academic credit is awarded for a failed course or a withdrawn course
- No coursework will be awarded on a pass/fail basis
- If a failed course is a high school graduation requirement, it must be retaken and successfully completed before commencement.
- Proper paperwork must be filed with the university to withdraw from a course. Upon withdrawal, the student must schedule a meeting with the FHS counselor to develop a new schedule and, if necessary, a new graduation plan.
- CCP courses and their associated grades will be reported on both the high school transcript and the college transcript, including failures and withdrawals.
- Failure to satisfactorily complete a college course for FHS credit may result in (but may not be limited to) the following consequences:
 - Fees associated with the dropped/failed class will be assessed
 - Loss of athletic/extra-curricular eligibility
 - Negative effect on GPA and class rank
 - o Failure to meet high school graduation requirements
 - o Loss of commencement participation privileges

CCP and Extracurricular Activities:

- CCP students must still meet eligibility requirements set by the school district and the Ohio High School Athletic
 Association (OHSAA) in order to participate in extracurricular activities. Students must be enrolled in and receive
 passing grades in courses that earn a minimum of 5 credits per year toward high school graduation. Eligibility is
 based on the courses taken in the preceding grading period. <u>Students are responsible for verifying with their FHS
 counselor what their options are for concerns about eligibility.</u>
- NOTE: CCP courses may not be accepted for the NCAA Clearing House. <u>It is the student's responsibility to verify that they are taking the appropriate coursework to be eligible by NCAA Clearing House rules if he/she plans to play a sport in college.</u>

<u>CCP and Counseling Services:</u> FHS students maintain all access to FHS counseling services including academic, social/emotional, and college/career counseling. In addition, an academic advisor from the participating college is required to meet with the CCP student within the first two weeks of class; this may take place in a group setting.



CCP Courses Offered at FHS: CCP courses offered locally at Fairborn High School are noted with the CCP logo in this Course of Study. Teachers who teach College Credit Plus courses at Fairborn High School must receive professional development from and be qualified as an adjunct professor through that college or university. All courses offered through College Credit Plus—even courses offered in the high school—are the same courses that the college offers. The courses must apply to a degree or professional certificate.

<u>Scheduling FHS located CCP Courses</u>: Students register for FHS-located CCP courses along with their other FHS courses; if the student is not accepted into the college/university's CCP program, then the student's schedule will be changed to drop the CCP course and add an FHS course. Students will schedule all other CCP courses directly with the college/university under the guidelines and deadlines established by that institution.

Career Based Intervention Program

The Career Based Intervention (CBI) program is an Ohio Department of Education Career-Technical Education program designed for students who are identified as disadvantaged (either academically, economically, or both) and/or students with disabilities who have barriers to achieving academic and career success. The program is designed to help students improve academic competency, develop professional skills, and implement a career plan that will serve them on the path to graduation and beyond.

The CBI program utilizes a combination of in-class educational and on-site experiential learning opportunities to maximize student success. CBI is an intervention program, not a complete career field pathway. The goal of the CBI program is to assist and prepare students for successful high school graduation, additional career-technical education and training, postsecondary education, and/or a meaningful career. The two required components of the CBI program are:

- (1) A 1-credit traditional on-campus class with related instruction which is classified as an elective
- (2) 1 to 4 additional work-based experience credits per year, with a maximum of 10 over 2 years elective credits

Credit Flexibility

The Board recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning.

Credit flexibility shifts the focus from "seat time" to performance. Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology, and demographics, and to meet the demand for 21st century skills.

In accordance with State law, a credit flexibility plan has been developed that allows students to earn high school credit by:

- completing coursework;
- 2. testing out or showing mastery of course content;
- 3. pursuing an educational option and/or an individually approved option and/or
- 4. any combination of the above.

There is an application-, approval-, and evaluation-process that must be completed prior to starting a Credit Flex option and, depending on the nature of the Credit Flex option, there may be a course fee. For more information about flexible credit, contact your school counselor.

Program Course Types for Special Populations

Nondiscrimination on the Basis of Disability

Program Accessibility in all Schools/Facilities

In accordance with State and Federal law, the District will provide reasonable accommodations to persons with disabilities who wish to attend and/or participate in school events. No qualified person with a disability will, because the District's facilities are inaccessible to or unusable by persons with disabilities, be denied the benefits of, be excluded from participation in, or otherwise be subjected to discrimination under any program or activity to which Section 504/ADA applies. For those existing facilities constructed prior to June 3, 1977, the District is committed to operating its programs and activities so that they are readily accessible to persons with disabilities. This includes, but is not limited to, providing accommodations to parents with disabilities who desire access to their child's educational program or meetings pertinent thereto. Whenever an individual with a disability wishes to attend or participate in a meeting, conference, program, or activity which is inaccessible, that meeting, conference, program or activity will be relocated to an accessible area. Forty-eight-hour notice of the need for relocation by the individual with a disability should be made to the Superintendent's Office. (Policy 9160)

Program Course Types for Students with Individual Educational Plan Programs (IEPs)

Individual Education Plans are developed for students with disabilities in the following categories: Autism, Deaf-blindness, Deafness, Hearing Impairment, Emotional Disturbance, Cognitive Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impaired, Specific Learning Disability, Speech or Language Impairment, Traumatic Brain Injury, Visual Impairment and Developmental Delay. Programs consist of a combination of general education classes and special education classes to meet student needs. Programs are designed to meet state and local graduation requirements with a special emphasis on attaining skills that lead to employability and independence as an adult. Students with disabilities who participate in general education classes may receive support as needed from Intervention Specialists. These teachers are available to modify and accommodate classroom materials and to provide in-class support. *Students with multiple or severe disabilities will be scheduled individually by their school counselors and teachers.

<u>Essentials Courses:</u> In most cases, an essentials course is one which emphasizes the same curriculum objectives as a standard course but covers the curricular material at a slower pace. The curriculum emphasis will concentrate on relating everyday-world applications to the daily learning outcomes. Essentials courses rely heavily on classroom hands-on experiences with special emphasis on visual learning. A major portion of each course is built around the curriculum that supports the state required EOC exam skills. Students experience technological applications as one means of learning the course objectives. Due to the emphasis on in-class learning experiences, good classroom attendance and a positive work ethic (cooperation, positive attitude, and good effort) are expected. Group projects and teamwork experiences are necessary to be successful in this program. Students will be selected for essentials classes based on past academic performance, teacher recommendation, and test scores.

Students with IEPs stating "resource room" placement may be registered into one or more of the following courses to ensure Intervention Specialist support:

Essentials Courses

| Reading/ELA (if applicable) | Applied Algebra A Essentials | Physical Science Essentials^ |
|--|--------------------------------------|------------------------------|
| English 9 Essentials* | Applied Algebra B Essentials | Biology Essentials^ |
| English 10 Essentials* | Geometry Essentials | Earth Essentials^ |
| English 11 Essentials* | Algebra 2 Essentials | World Studies Essentials |
| English 12 Essentials* | Applied Math Skills | American Studies Essentials |
| Adaptive Phys. Ed. Essentials | Math Modeling & Reasoning Essentials | US Government Essentials |
| Personal Financial Literacy Essentials | | |

(*Course fees = cost of supplemental texts; ^Course fees = \$10) (Courses in italics above require an End-of-Course Exam unless the student is Alternately Assessed.)

<u>Inclusion Courses:</u> Most courses at Fairborn High are standard courses which fulfill both the college prep curriculum and the career-readiness education curriculum. Some standard courses may include the academic support services of an Intervention Specialist as needed and provided there is an adequate level of staffing. These classes will be coded as "regular" classes on the student's schedule, however, <u>students with IEPs stating "inclusion"</u> "co-taught"/"teaming" placement may be registered into one or more of the following courses to ensure Intervention Specialist support based on student need, graduation requirements, and/or course availability:

Inclusion Support May be Available in the Following Courses

| English 9 | Applied Algebra A | Algebra 2 | Math Modeling & Reasoning | World Studies |
|------------|-------------------|------------------|-----------------------------|------------------|
| English 10 | Applied Algebra B | Physical Science | Personal Financial Literacy | American Studies |
| English 11 | Algebra 1 | Biology | Six Sigma Yellow/Leadership | U.S. Government |
| English 12 | Geometry | Earth Science | Six Sigma Green | |

(Fees for these classes are noted within the standard course descriptions in this Course of Study.)

Program Course Types for Students Identified as Gifted and Talented

Programs for students identified as gifted and talented consist of a combination of general education classes and advanced or enriched classes to meet student needs. Programs are designed to meet state and local graduation requirements with a special emphasis on more rigorous academic study. Skills attained with successful completion of these options are more rigorous and can provide an opportunity to earn post-secondary credit. Honors, AP, and CCP courses provide students with gifted services through teachers trained in gifted education. Students who do not enroll in these courses may not receive services for their gifted areas. For additional information about gifted services, refer to the district gifted coordinator.

<u>Honors Courses:</u> Honors courses are enriched, offering curriculum beyond the ordinary high school standard course. Honors courses require greater expectations of classroom participation and interaction, more in-depth coverage of the curriculum objectives, and greater project responsibility on the part of the student. A weighted honors grade (H) may be earned in an honors course, and gifted services are provided through honors courses. Honors courses expect a greater volume of reading and writing as well as a component of independent study. <u>Honors course codes are listed in the Course of Study within the subject areas.</u>

Advanced Placement-Honors Courses: The Advanced Placement Program is sponsored by the College Board, a non-profit membership organization that contracts with the Educational Testing Service (ETS). The Advanced Placement Program (AP) gives students an opportunity to experience college-level courses and exams while they are still in high school; students may earn college credit, accelerated placement, or both for college when they take the exams associated with the course. University credit and accelerated placement are awarded by the college or university, not by the College Board, AP Program or Fairborn High School. College and university policies regarding AP grades vary. Students seeking college credit through AP should obtain the college's AP policy in writing or look for it on the institution's web site. A weighted honors grade (H) may be earned for the high school credit associated with an AP-Honors course, and gifted services are provided through all AP courses. AP course codes are listed in the Course of Study within the subject areas.

<u>College Credit Plus Courses:</u> Ohio's College Credit Plus can help students 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. Fairborn High School has agreements with several local colleges for specific courses; however, students can choose to take College Credit Plus courses from any college that offers a course that would benefit their future. This could include online courses. Any student enrolled in CCP courses related to their gifted identification area will be considered served through the CCP acceleration. For additional information about CCP, refer to *College Credit Plus (CCP) Dual Enrollment* in this booklet or see your counselor.

Scheduling Policies and Procedures

Auditing Courses/Non-Credit Earning Options

All academic courses must be taken for credit; auditing of courses is not permitted. Study hall, Teacher Aide positions, and/or Office Aide positions are scheduled as classes, but are not classified as courses because students do not earn credit. Students are limited to one (1) aide position or study hall per semester.

Retaking Courses

Students have the option to retake classes and have their lowest mark removed from the cumulative GPA calculation. A record of each separate enrollment of a course will be maintained (along with the earned mark) on the student's official transcript; however, the lowest-scoring mark will not be calculated into the final cumulative GPA. **Students who wish to retake a course for which they have already received credit must notify their counselor during the scheduling process.** A few courses are available to take multiple times (for credit each time) including Instrumental Music, Vocal Music, Yearbook, and Physical Education. Please contact your counselor with any questions about which courses are eligible for retakes or multiple credits.

Schedule Changes

(All student-initiated course changes must be completed before the 1st day of school)

All staffing decisions for the following year are based on the number of students selecting each course; therefore, students and their parents or guardians are expected to make scheduling decisions carefully and accurately. Counselors have the responsibility to make schedule change decisions that are in the best interests of students. Any adjustment in a student's schedule will be handled on an individual basis. Students who wish to drop a class must first confer with their parents and the teachers involved prior to meeting with the school counselor. The only acceptable reasons for changes are listed below:

Acceptable Reasons for Course Changes

- Student's initially requested courses are in conflict or are not being offered.
- Student has not completed the prerequisite(s) for the scheduled course.
- Student passed a summer school class or needs to retake a failed course.
- Student needs a specific course for graduation.
- Student has medical reasons documented by a physician.
- Student has an aide position/study hall and wants to add a course.

Dropping Courses

- 1. Students are limited to one (1) aide position/study hall per semester. No course may be dropped to add an aide position/study hall if the student already has a scheduled aide position/study hall within that semester.
- 2. If a student is removed from a class for alternate placement by the administration and/or because the student failed to abide by an established program requirement, then the course will be recorded as W/F on the student's transcript.
- 3. Courses with administrative approval to be dropped after the midterm of the first grading period of the course will be recorded as a W/F (withdraw/fail) on the transcript.

Scheduling Process for Baker Middle School 8th Graders and Newly Enrolled FHS Students

Fairborn Baker 8th graders make course requests at Baker with the help of the BMS counselors and the FHS counselors after a class-wide meeting. A scheduling meeting for parents is also held in the evening, typically in January. Contact your counselor if you have any questions about course options. Please be sure to select alternate course requests should your first choices be closed. Students in grades 8 through 11 who enroll in Fairborn City Schools between the months of March and August should schedule an appointment with their counselor to request courses for the following year.

Scheduling Process for Current FHS Students

- Step 1: Students will be provided with scheduling and course information, typically in early February. Students should consult with teachers and parents to select appropriate courses for the upcoming school year. Parents will sign off for approval on the student's course selections.
- Step 2: Once their course *requests* have been finalized, students will review their *course selections* with their counselor. The student's counselor will double-check to make sure that the student is meeting all requirements for graduation.

 Students who fail to return the course request verification may have their schedule set by a counselor, and any requests for changes must fall within the Schedule Changes guidelines outlined above.

Credit Recovery

Credit Recovery is an alternative scheduling program available for significantly credit-deficient students for whom participation is deemed to be the most appropriate scheduling placement. FHS has oversight of the online program with support which provides an opportunity for students to earn credits in a different learning format.

Admission into the program is determined by the student's counselor, teachers, parents, and FHS administration on a case-by-case basis; minimally, to be considered for placement, a student must have:

- · Attended high school for a minimum of 2 years
- Earned less than 10 credits
- Be significantly credit-deficient in the core academic areas of English, Math, Science, and Social Studies

Students will be put on a probationary period or dismissed from the placement for the following:

- Not meeting the pacing expectation for course completion
- Failure to complete courses by the established due dates/deadlines
- Poor attendance based on daily login and work completion during class time

Students placed on probation for one of the above reasons will have one quarter to make adequate progress to avoid removal. Academic dishonesty will result in immediate dismissal from Credit Recovery.

Credit recovery coursework is taken online at the student's individual pace; however, courses need to be successfully completed by the established deadlines in order for the student to receive credit on a pass/fail basis. A list of the limited number of available courses that can be taken through this option is available from the FHS counselors. Students may only take courses that they have previously attempted and not completed successfully.

Physical Education Waiver

A student may be excused from the high school physical education requirement if, during high school, the student has participated in interscholastic athletics, fall marching band, winter marching groups (color guard, winter guard/drumline), or cheerleading for at least two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years. These options focus on 1) physical fitness, 2) motor skill development, 3) participation and 4) adherence to the Athletic, Music, and/or Student Code with no infractions.

Students qualifying for the PE waiver must earn ½-credit in some other way in place of the waived PE credit.

Ohio statute requires participation "for at least two full seasons." Seasons are determined by the official starting date of the activity and conclude with the final, formal activity of the group. Should a student be "cut" or quit the activity, the season will not be used to meet the two-season requirement. Fairborn City Schools defines a "full season" as daily participation paralleling the official sport season, completed at a 90% attendance level.

The State of Ohio does not permit a combination of PE Waiver and PE Class to earn the PE requirement. If a student participates in only one full season of an approved activity, there is no provision in the law that would permit any type of partial excuse. Student records will indicate the completion of one season of an approved activity by one PE waiver entry; in other words, two completed PE Waiver entries will be required on student records for a student's PE requirement to be excused for graduation.

Process:

- 1. Student indicates interest in the PE waiver with their guidance counselor during the scheduling process.
- 2. Coaches/Directors submit verification of the student's 90% participation at the conclusion of each season.
- 3. Counselors waive PE when participation requirements are successfully met.

Approved and completed PE waiver seasons will be documented on the student's permanent transcript as a PE Waiver. The coach, director, or supervisor of the program will be the final determiner of the 90% participation rate. Only one PE Waiver may be obtained in a given school year. All final recommendations for completion toward graduation requirements will be determined by a counselor and the High School Principal. PE Waivers will not figure into GPA calculations nor will they count toward athletic eligibility.

IMPORTANT NOTE ABOUT COURSE OPTIONS:

See your counselor to ask about any possible changes to course offerings that may have taken effect since the printing of this Program of Study.

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|----------------------------|-------------|-----------------|-------|
|----------------------------|-------------|-----------------|-------|

Name_____ID______*NOTE: Honors Diplomas have additional criteria

| Required Credits* | Middle School Grades 7-8 | Freshman Year Grade 9 | Sophomore Year Grade 10 | Junior Year Grade 11 | Senior Year Grade 12 | NOTES |
|--|-----------------------------|--------------------------|-------------------------------|-------------------------|-------------------------|---|
| ELA 4 credits | | | | | | |
| Math 4 credits | | | | | | |
| Science 3 credits 1 life 1 physical 1 advanced | | | | | | |
| Social Studies 3 credits | | | | | | |
| Health ½ credit | | | | | | |
| Physical Education ½ credit | | | | | | |
| Fine Arts 1 credit | | | | | | |
| Personal Financial Literacy ½ credit | | | | | | Students attending GCCC will earn this ½ credit through a GCCC course. |
| Electives 4½ credits | | | | | | |
| TOTAL (minimum 21) | | | | | | |

Pathway Options for Course Selections

The following Pathway Options present 4-year scheduling guides to assist students select coursework considering potential post-secondary plans. Students should discuss the best course of study plan with their counselor to take advantage of course offerings that best suit their future career plans.

PATHWAY OPTION 4-Year College Preparatory

With a concentrated interest in **STEM (Science, Technology, Engineering, and Math)**, which would lead to a 4-year college degree and related career occupations.

12th Grade

English 12 or AP Literature & Composition
AP Statistics, AP Calculus, Pre-Calculus-Honors, or Pre-Calculus
AP Physics I or II, AP Chemistry II, AP Biology II, or AP Environmental Science
Math and/or Science Electives
Social Studies and/or English Language Arts Electives
Project Lead the Way – Biomedical or Engineering class

11th Grade

English 11 or AP Language & Composition
AP Statistics, Pre-Calculus-Honors or Pre-Calculus, or Algebra II-Honors
AP Physics I, AP Chemistry II, AP Biology II, or AP Environmental Science
U.S. Government or AP Government & Politics
World Language and/or Project Lead the Way – Biomedical or Engineering
Personal Financial Literacy
Art/Music Electives
Math and/or Science Electives
General Electives

10th Grade

English 10 or English 10-Honors
Geometry-Honors or Algebra II-Honors (or an Algebra 2 equivalent)
Chemistry I or Chemistry I-Honors
American Studies or American Studies-Honors
World Language and/or Project Lead the Way – Biomedical or Engineering
Physical Education and/or Health, if not taken in grade 9
Fine Art (art or music) or general electives

9th Grade

English 9 or English 9-Honors
Algebra I, Algebra I-Honors, or Geometry-Honors
Biology I or Biology I-Honors
World Studies or World Studies-Honors
World Language and/or Project Lead the Way – Biomedical or Engineering
Physical Education
Health
Fine Art (art or music) or general electives

PATHWAY OPTION 4-Year College Preparatory

With a concentrated interest in **Communications**, **Fine Arts**, **Liberal Arts**, **Business**, **Human Services**, **and Languages** which leads to a 4-year college degree and related career occupations.

12th Grade

English 12 or AP Literature & Composition

AP Physics 1 or 2, AP Chemistry II, AP Biology II, AP Environmental Science, Physics, or Earth Science

AP Statistics, AP Calculus, Pre-Calculus-Honors, Pre-Calculus, or Functions

Social Studies and/or English Language Arts Electives

World Language

Art and/or Music Electives

Math and/or Science Electives

Business and/or Marketing Electives

11th Grade

English 11 or AP Language & Composition

AP Statistics, AP Calculus, Pre-Calculus-Honors, Pre-Calculus, Functions, Algebra II (or an Algebra 2 equivalent)

AP Physics 1, AP Chemistry II, AP Biology II, AP Environ. Science, Physics-Honors, or Earth and Space Science

US Government or AP Government & Politics

World Language

Personal Financial Literacy

Art and/or Music Electives

Business and/or Marketing Electives

Social Studies, English Language Arts, Science, and Math Electives

General Electives

10th Grade

English 10

Geometry, Geometry Honors, or Algebra II-Honors (or an Algebra 2 equivalent)

Biology I, Biology I-Honors, Chemistry I, or Chemistry I-Honors

American Studies or American Studies-Honors

World Language

Physical Education and/or Health, if not taken in grade 9

Art and/or Music Electives

Business and Marketing Electives

General Electives

9th Grade

English 9 or English 9 Honors

Algebra I, Algebra I Honors, Geometry, or Geometry Honors

Physical Science, Biology I, or Biology I Honors

World Studies or Honors World Studies

World Language

Physical Education

Health

Art and/or Music Electives

Business and/or Marketing Electives

General Electives

PATHWAY OPTION 4-Year College or 2-Year College Preparatory

With a concentrated interest in **Professional Areas** with special emphasis in **Technical Studies (engineering or biomedical)** roles requiring an associate's degree, 4-year college degree, and/or specific technical skill development.

12th Grade

English 12 or AP Literature & Composition

Functions, Pre-Calculus, Pre-Calculus-Honors, and/or Math Electives

Social Studies Elective

Physics-Honors, Earth Science, or Other Science Electives

PLTW Engineering or Biomedical

Elective(s) in Business, Art/Music, Family and Consumer Science, or Marketing Tech

Electives in English Language Arts, Science, Social Studies

11th Grade

English 11 or AP Language and Composition

Algebra II, Algebra II-Honors, Functions, Pre-Calculus, or Pre-Calculus-Honors

Physics-Honors or Earth Science

U.S. Government or AP U.S. Government

PLTW Engineering or Biomedical

Personal Financial Literacy

Elective(s) in Business, Art/Music, Family and Consumer Science, or Marketing Tech

Electives in English Language Arts, Science, Social Studies, and/or Math

10th Grade

English 10 or English 10-Honors

Geometry, Geometry-Honors, Algebra II (or an Algebra 2 equivalent)

Biology I, Biology I-Honors, Chemistry I, or Chemistry I-Honors

American Studies or American Studies-Honors

PLTW Engineering or Biomedical

Physical Education and/or Health, if not taken in grade 9

Fine Arts (Art and/or Music)

Electives in Business, Marketing, and/or Family and Consumer Science

Electives in English Language Arts, Science, Social Studies, and/or Math

9th Grade

English 9 or English 9-Honors

Physical Science, Biology I, or Biology I-Honors

Algebra I, Algebra I-Honors, Geometry, or Geometry-Honors

Physical Education and/or Health

World Studies or World Studies-Honors

PLTW Engineering or Biomedical

Fine Arts (Art and/or Music)

Electives in Business, Marketing, and/or Family and Consumer Science

PATHWAY OPTION 2-Year College Preparatory

With a concentrated interest in **Professional Areas** with special emphasis in **General Studies** for roles requiring an associate's degree and or specific technical skill development.

12th Grade

English 12

Algebra II (or an Algebra 2 equivalent), Functions, or Math Electives

Physics-Honors, AP Physics 1, or Earth Science, if not taken in grade 11

Electives in English, Math, Social Studies, or Science

Electives in Business/Marketing, Art/Music, or Family and Consumer Science

General Electives

11th Grade

English 11

Geometry or Algebra II (or an Algebra 2 equivalent)

Physics-Honors, Earth Science

U.S. Government

Personal Financial Literacy

Electives in English, Math, Social Studies, or Science

General Electives

10th Grade

English 10

Applied Algebra B or Geometry

Biology I or Chemistry I

American Studies

Physical Education

Health, if not taken in grade 9

Fine Arts (Arts or Music)

General Electives

9th Grade

English 9

Physical Science or Biology I

Applied Algebra A or Algebra I

Physical Education

Health

World Studies

Fine Arts (Art or Music)

General Electives

| | Grade Level | Pre/Co-Req | Course # | Credit | Page |
|---|--|--|--|---------------------------------|--|
| Air Force Jr. ROTC Air Force Jr. ROTC I Air Force Jr. ROTC II Air Force Jr. ROTC III | 9-12 10-12 11-12 | no yes yes | 09151 09152 09153 | 1 1 1 | 49 49 50 |
| Air Force Jr. ROTC IV ROTC Drill | 12 9-12 | yes yes | 09154 09003 | 1 .25 | 50 49 |
| Art | | | | | |
| Drawing I: Basic Drawing II: Intermediate Drawing III: Advanced Painting I: Basic | 9-12 9-12 10-12 9-12 | no yes yes no | 05156-1 05156-2 05156-3 05157-1 | .5 .5 .5 | 45 45 45 45 |
| Painting I. Basic Painting II: Intermediate Painting III: Advanced | 9-12 9-12 10-12 | yes yes | 05157-1 05157-2 05157-3 | .5 .5 .5 | 45 46 |
| Sculpture I: Basic [not offered in 2023-24] Sculpture II: Intermediate [not offered in 2023-24] Sculpture III: Advanced [not offered in 2023-24] | 10-12 | no yes yes | | .5 .5 .5 | 46 46 46 |
| Ceramics I: Basic Ceramics II: Intermediate Ceramics III: Advanced | 9-12 9-12 10-12 | no yes yes | 05159-1 05159-2 05159-3 | .5 .5 .5 | 46 46 46 |
| Textiles and Fibers I: Basic [not offered in 2023-; Textiles and Fibers II: Intermediate [not offered in 2023-24] | 9-12 9-12 | no yes | | .5 .5 | 46 47 |
| Textiles and Fibers III: Advanced [not offered in 2023-24] | 10-12 | yes | | . 5 | 47 |
| Digital Imaging Cell Phone Photography Digital Video/Animation Digital Design Broadcast Media (semester request) Broadcast Media (yearlong request) | 9-12 9-12 9-12 10-12 10-12 | no yes yes yes yes yes | 05251 05167 05256 05162 11051 11051Y | .5 .5 .5 .5 .5 | 47 47 47 46 50 50 |
| Business | | | | | |
| Foundations of Business Computer Applications & Digital Literacy Accounting Personal Financial Literacy Yearbook Marketing Management Program | 9-12 9-12 9-12 11-12 10-12 | no no yes no yes | 12052 10004 12104 19262 11104 | .5 .5 1 .5 | 51 50 51 53 50 |
| Introduction to Marketing Digital Marketing International Marketing Starting a Business | 9-12 10-12 10-12 10-12 | no yes yes yes | 12152 12162 12056 12053 | 1 1 1 1 | 51 51 51 51 |
| English/Language Arts | | | | | |
| Comprehensive Courses English for the Limited English Proficient (ES English 9 English 9 – Honors English 10 English 10 – Honors English 11 English 12 AP Language & Composition-Honors | 9-12 9 10-12 10 11-12 12 11-12 | yes no yes yes yes yes yes | 01008 01001 01001H 01002 01002H 01003 01004 01005 | 1 1 1 1 1 1 1 | 31 30 30 30 30 30 30 31 |
| AP Literature & Composition-Honors | 11-12 | yes | 01006 | 1 | 31 |

| | Grade Level | Pre/Co-Req | Course # | Credit | Page |
|--|---|-----------------------|----------|------------|------|
| English/Language Arts (continued) Elective Courses | | | | | |
| Foundations of Composition | 9 | yes | 01101 | .5 | 32 |
| Literature and War | 9-12 | no | 01065 | .5 .5 | 32 |
| Literature through Music | 9-12 | no | 01061-2 | .5 | 31 |
| Mysteries, Suspense, & Detective Stories | 9-12 | no | 010012 | .5 | 31 |
| [not offered in 2023-24] | 0 12 | 110 | | .0 | 01 |
| World Mythology | 9-12 | no | 01069 | . 5 | 32 |
| Speech | 9-12 | no | 01151 | .5 | 33 |
| Science Fiction and Fantasy [not offered in 20 | | no | | .5 | 31 |
| Drama Literature [not offered in 2023-24] | 9-12 | no | | .5 | 32 |
| Creative Writing | 10-12 | yes | 01104 | . 5 | 32 |
| CCP-English Composition I (Sinclair) | CCP ad | cceptance | eng1101s | 1 | 32 |
| CCP-English Composition II (Sinclair) | CCP ad | cceptance | eng1201s | 1 | 32 |
| Family and Consumer Sciences | | | | | |
| Adult Living | 9-12 | no | 19251 | . 5 | 52 |
| Culinary Fundamentals | 9-12 | no | 19252 | .5 | 53 |
| Global Foods [not offered in 2023-24] | 10-12 | yes | .0202 | .5 | 52 |
| Bakery and Pastry Arts | 10-12 | yes | 16056-2 | .5 | 52 |
| Child Development [not offered in 2023-24] | 10-12 | no | | .5 | 52 |
| GRADS | 9-12 | yes | 08056 | .5 | 48 |
| Health | | | | | |
| Health – Life Choices | 9-12 | no | 08051 | .5 | 48 |
| Mathematics | | | | | |
| Algebra I | 9-12 | no | 02052 | 1 | 33 |
| Algebra I – Honors | 9 | yes | 02052H | 1 | 34 |
| Applied Algebra 1A | 9 | yes | 02053 | 1 | 34 |
| Applied Algebra 1B | 10 | yes | 02054 | 1 | 34 |
| Geometry | 9-12 | yes | 02071 | 1 | 34 |
| Geometry - Honors | 9-12 | yes | 02072H | 1 | 34 |
| Math Modeling & Reasoning | 10-12 | yes | 02158 | 1 | 35 |
| Data Science Foundations | 10-12 | yes | 22161 | 1 | 35 |
| Algebra II | 10-12 | yes | 02056 | 1 | 34 |
| Algebra II – Honors | 10-12 | yes | 02056H | 1 | 34 |
| Functions | 11-12 | yes | 02109 | 1 | 34 |
| Pre-Calculus | 11-12 | yes | 02110 | 1 | 35 |
| Pre-Calculus – Honors | 11-12 | yes | 02110H | 1 | 35 |
| AP Statistics – Honors | 11-12 | yes | 02203 | 1 | 35 |
| AP Calculus AB – Honors | 12 | yes | 02124 | 1 | 35 |
| Music | | | | | |
| Concert Band | 9-12 | yes | 05102-1 | 1 | 44 |
| Symphonic Winds [not currently offered in 2023- | | yes | | 1 | 44 |
| Jazz Improvisation/Rock Ensemble | 9-12 | yes | 05105 | 1 | 44 |
| Chamber Orchestra | 9-12 | yes | 05120-1 | 1 | 45 |
| Symphonic Orchestra [not currently offered in 2 | | yes | | 1 | 45 |
| Choral Union | 9 | yes | 05110-1 | 1 | 44 |
| Concert Choir | 10 ^{Female} | , , | 05110-2 | 1 | 44 |
| A Cappella Choir 1 | 0-12 ^{Males} ,11-12 ^F | ^{emales} yes | 05110-3 | 1 | 44 |

| | Grade Level | Pre/Co-Req | Course # | Credit | Page |
|---|-------------------|------------|-----------------|-------------|----------|
| Physical Education | | | | | |
| Physical Education Survey (PES) | 9-12 | no | 08001 | . 25 | 47 |
| Recreational Activities | 9-12 | yes | 08004 | . 25 | 48 |
| Personal Fitness for Athletes | 9-12 | yes | 08005 | . 25 | 48 |
| Team Sports | 9-12 | yes | 08002-1 | .25 | 48 |
| Competitive Team Sports | 11-12 | yes | 08002-2 | . 25 | 48 |
| Physical Education Waiver Option | 9-12 | yes | 08014 | 0 | 48 |
| Science | | | | | |
| Comprehensive Courses | | | | | |
| Integrated Physical Science | 9-12 | no | 03159 | 1 | 39 |
| Biology I | 9-12 | no | 03051 | 1 | 36 |
| Biology I - Honors | 9-12 | yes | 03051H | 1 | 37 |
| Chemistry I | 10-12 | yes | 03101 | 1 | 38 |
| Chemistry I - Honors | 10-12 | yes | 3101H | 1 | 38 |
| Earth Science | 11-12 | yes | 03008 | 1 | 36 |
| Physics-Honors | 11-12 | yes | 03151H | 1 | 39 |
| AP Biology II – Honors | 11-12 | yes | 03056 | 2 | 37 |
| AP Chemistry II – Honors | 11-12 | yes | 03106 | 2 | 39 |
| AP Environmental Science – Honors | 11-12 | yes | 03207 | 2 | 40 |
| AP Physics 1 – Honors | 11-12 | yes | 03165 | 1 | 39 |
| AP Physics 2 – Honors | 11-12 | yes | 03166 | 1 | 39 |
| Elective Courses | 11 12 | yes | 03100 | • | 33 |
| Botany | 9-12 | yes | 03058 | . 5 | 37 |
| Zoology [not offered in 2023-24] | 9-12 | yes | 00000 | .5 | 37 |
| Artful Chemistry [not offered in 2023-24] | 10-12 | yes | | .5 | 38 |
| Astronomy | 10-12 | yes | 03004 | .5 | 36 |
| Project Lead the Way-Biomedical Sciences Pro | | , | | | |
| PLTW Principles of Biomedical Sciences (PE | | VOC | 03066 | 1 | 37 |
| PLTW Human Body Systems (HBS) | 10-12 | yes yes | 03067 | 1 | 38 |
| PLTW Medical Interventions (MI) | 11-12 | yes | 03068 | 1 | 38 |
| PLTW Biomedical Innovation (BI) | 12 | yes | 03070 | 1 | 38 |
| ` ' | | yes | 03070 | ' | 30 |
| Project Lead the Way-Engineering Pathway P | | 20 | 24047 | 4 | EO |
| PLTW Introduction to Engineering Design (IE | ED) 9-12 10-12 | no | 21017 21018 | 1 | 53 53 |
| PLTW Principles of Engineering (POE) | | yes | | 1 | |
| PLTW Digital Electronics (DE) PLTW Aerospace Engineering (AE) | 10-12 11-12 | yes | 21023 21019 | 1 | 53 54 |
| FLTW Aerospace Engineering (AE) | 11-12 | yes | 21019 | 1 | 34 |
| Social Studies | | | | | |
| Comprehensive Courses | | | | | |
| World Studies | 9-12 | no | 04053 | 1 | 40 |
| World Studies World Studies - Honors | 9 | no | 04053H | 1 1 | 41 |
| American Studies | 10-12 | yes | 04103 | 1 | 41 |
| American Studies American Studies – Honors | 10-12 | yes | 04103 04103H | 1 | 42 |
| | | yes | | | |
| U.S. Government | 11-12 11-12 | yes | 04151 04254 | 1 5 | 42 43 |
| Psychology Sociology | | yes | | .5 .5 | |
| Sociology | 11-12 | yes | 04258 | | 43 42 |
| AP Developer Honors | 11-12 | yes | 04157 | 1 | 42 |
| AP Psychology – Honors | 11-12 | yes | 04256 | 1 | 43 |
| CCP-Western Civ I (Sinclair) | | ceptance | his1111s | 1 | 41 |
| CCP-Western Civ II (Sinclair) | | ceptance | his1112s | 1 | 41 |
| CCP-United States History I (Sinclair) | | ceptance | his1101s | 1 | 42 |
| CCP-United States History II (Sinclair) | CCP ac | ceptance | his1102s | 1 | 42 |

| | Grade Level | Pre/Co-Req | Course # | Credit | Page |
|---|-------------|------------|-----------------|------------|------|
| Social Studies (continued) | | | | | |
| Elective Courses | | | | | |
| Current Events | 9-12 | no | 04064 | . 5 | 41 |
| History Through Film & Media | 9-12 | no | 04310 | . 5 | 43 |
| Law Studies | 9-12 | no | 04162 | . 5 | 43 |
| Law and Society | 9-12 | no | 04163 | . 5 | 43 |
| World Languages | | | | | |
| Spanish I | 9-12 | no | 24052 | 1 | 57 |
| Spanish II | 10-12 | yes | 24053 | 1 | 57 |
| Spanish III – Honors | 11-12 | yes | 24054 | 1 | 57 |
| Spanish IV – Honors | 11-12 | yes | 24055 | 1 | 57 |
| CCP-Elementary Spanish I (Sinclair) | | ceptance | spa1101s | 1 | 57 |
| CCP-Elementary Spanish II (Sinclair) | | ceptance | spa1201s | 1 | 58 |
| American Sign Language (ASL) 1 | 9-12 | no | 24852 | 1 | 58 |
| American Sign Language (ASL) 2 | 10-12 | yes | 24853 | 1 | 58 |
| American Sign Language (ASL) 3-Honors | 11-12 | yes | 24854 | 1 | 58 |
| American Sign Language (ASL) 4-Honors | 12 | yes | 24855 | 1 | 58 |
| CCP-Beginning ASL I (Sinclair) | CCP ac | ceptance | asl1111s | 1 | 59 |
| CCP-Beginning ASL II (Sinclair) | CCP ac | ceptance | asl1112s | 1 | 59 |
| CCP-Intermediate ASL I (Sinclair) | | ceptance | asl1228s | 1 | 59 |
| CCP-Intermediate ASL II (Sinclair) | CCP ac | ceptance | asl1229s | 1 | 59 |
| M'a a llana a cara O a cara a c | | | | | |
| Miscellaneous Courses | | | | | |
| Academic Enrichment | 9 -12 | 1/00 | 22005 1,22005 0 | | 54 |
| IEP Productive Study | 9-12 | yes | 22005-1;22005-2 | . 0 | 54 |
| Career Exploration | | | | | |
| Introduction to Law Enforcement | 9 -12 | no | 15054 | . 5 | 52 |
| Six Sigma Yellow Belt & Leadership Exceller | | yes | 22106-1 | . 5 | 54 |
| Six Sigma Green Belt | 10-12 | yes | 22106-2 | . 5 | 54 |
| Diversified Occupations for Juniors | 11 | yes | 22153-1J | 1 | 55 |
| Diversified Occupations for Seniors | 12 | yes | 22153-1S | 1 | 55 |
| GOE (Guided Occupational Experience) | 11-12 | yes | 22153-2 | 1-4 | 55 |
| School Organization & Leadership | | | | | |
| Freshman Focus | 9 | no | 22102 | . 5 | 56 |
| Focus Leadership | 11-12 | yes | 22101 | . 5 | 56 |
| Staff Assistance | | | | | |
| Guidance Aide | 9-12 | yes | 22052-1;22052-2 | 0 | 55 |
| Library/Media Center Aide | 9-12 | yes | 22053-1;22053-2 | | 56 |
| Office Aide | 9-12 | yes | 22051-1;22051-2 | | 55 |
| Teacher Aide | 9-12 | yes | 22995-1;22995-2 | | 56 |
| | | • | , - | | |

Course Descriptions and Fee Structure by Subject

ENGLISH LANGUAGE ARTS & LITERATURE (01-XXX)

Students are required to earn four English credits as part of their graduation requirements. All English classes include reading, vocabulary, grammar, spelling, composition and literature but with varying degrees of emphasis and difficulty. Courses classified as "general ELA electives" are intended to supplement the courses noted in the departmental sequencing tracks, not replace them. ELA electives may be used as general electives for graduation requirements.

| English Language Arts Sequencing Recommendations | | | | | |
|--|-------------------------|--|---|------------------------------|--|
| Course Timing | Basic High School Track | Standard College Prep Track | Advanced College Prep Track | Honors College Prep Track | |
| Grade 9 | English 9 | English 9 | English 9 -OR- English 9-Honors | English 9-Honors | |
| Grade 10 | English 10 | English 10 | English 10 -OR- English 10-Honors | English 10-Honors | |
| Grade 11 | English 11 | English 11 | English 11 -OR- AP Lang & Comp | AP Language & Composition | |
| Grade 12 | English 12 | English 12 -OR- AP Lang & Comp | English 12 -OR- AP Lit & Comp | AP Literature & Composition | |

COMPREHENSIVE LANGUAGE ARTS

01001 *English* **9** - 1 credit

Prerequisite: none

English 9 is a required course in grade 9 and is integrated with the language arts curriculum and state standards. This course includes the study of literature with an emphasis on non-fiction, composition, oral communications, independent reading, vocabulary development, grammar, and the mechanics of writing.

01001H English 9 - Honors - 1 credit

Prerequisite: Teacher recommendation

This course is similar to the English 9 course, but the depth, breadth, and speed of the class will be advanced. The number of sections scheduled may be limited.

01002 English 10 - 1 credit

Prerequisite: English 9

English 10 is a required course in grade 10 and is integrated with the language arts curriculum and state standards. This course includes the study of literature with an emphasis on non-fiction, composition, oral communications, independent reading, vocabulary development, grammar, and the mechanics of writing. This course has a required end-of-course (EOC) exam.

01002H English 10 - Honors - 1 credit

Course Fee: Cost of supplemental text(s)

Prerequisite: English 9 Honors or English 9 (with a strong teacher recommendation suggested)

This course is similar to the English 10 course, but the depth, breadth and speed of the class will be advanced. The number of sections scheduled may be limited. This course has a required end-of-course (EOC) exam.

01003 English 11 - 1 credit

Prerequisite: English 10 or English 10 Honors

English 11 is a required course integrating language arts skills as outlined in the state standards with an emphasis on American Literature. The course includes the study of literature with an emphasis on non-fiction, composition, oral communications, independent reading, vocabulary development, grammar and the mechanics of writing. (Students may elect to enroll in an Advanced Placement Composition course in place of the English 11 requirement.)

01004 English 12 - 1 credit

Course Fee: Cost of Supplementary Text(s)

Prerequisite: Concurrent enrollment in or completion of English 11 or Language & Composition-Honors-AP

This college-preparatory course is a survey of British literature from the early times to modern day. It is a course integrating of language arts skills as outlined in the state standards with an emphasis on British Literature. The course includes the study of literature with an emphasis on non-fiction, composition, oral communications, independent reading, vocabulary development, grammar, and the mechanics of writing. (Students may elect to enroll in an Advanced Placement Composition course in place of the English 12 requirement.)



AP Language & Composition - Honors - Advanced Placement - 1 credit 01005

Course Fee: Costs for Supplemental Text(s)

Prerequisite: English 10 Honors or English 10 with strong teacher recommendation

This college-preparatory course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. The course will emphasize the expository, analytical and argumentative writing that forms the basis of academic and professional communication, as well as the personal, synthesis and reflective writing that fosters the ability to write in any context including taking the AP Exam. This course may be taken as either a junior or senior. (It is strongly recommended that students complete Language & Composition prior to Literature & Composition.)



01006 AP Literature & Composition - Honors - Advanced Placement - 1 credit

Course Fee: Costs for Supplemental Text(s)

Prerequisite: English 10 Honors or English 10 with strong teacher recommendation; it is strongly

Recommended that students complete Language & Composition AP as a prerequisite as well This college-preparatory course provides a more in-depth survey of world literature with emphasis on oral and written literary analysis. Through discussion, reading, and writing, students will become aware of the resources of language and how style, subject, and audience are related. Language, characters, action, themes, structure, meaning, and value will be examined. This course prepares students to take the Advanced Placement Exam for English Literature and Composition for which college credit may be awarded. The challenging reading selections require students to possess maturity, good judgment, and insight. (It is recommended that students complete Language & Composition prior to Literature & Composition. Taking Literature and Composition without first completing Language and Composition requires administrative approval.)

Course Fee: none

Course Fee: Cost of supplemental text(s)

Course Fee: Cost of Supplementary Texts

01008 English for the Limited English Proficient (ESL) - 1 credit

Prerequisites: Only open to students identified as Limited English Proficient

Co-requisite: Any year-long standard English class

This course is designed for students whose native language is not English and whose skills are limited in English proficiency. This class is taken along with a standard English class for a richer educational exposure to the written and spoken English language. While Fairborn High School awards an English credit for this class, the NCAA Clearinghouse will not count this course as an English credit.

LITERATURE / READING

<u>01061-1 Mystery, Suspense and Detective Stories</u> – ½ credit Course Fee: Cost of Supplementary Texts

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: none

This course is a study of the conventions of a mystery and its development as a genre of literature. Students will study short stories by early detective story authors such as Edgar Allen Poe and Sir Arthur Conan Doyle. Students will continue to study short stories and plays from "The Golden Age" of the detective stories. Novels, film and true crime stories may round out the engaging course. This course is classified as a general ELA elective. This course is classified as a general ELA elective and is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

01061-2 *Literature through Music* – ½ credit

Prerequisite: none

Students will explore storytelling through musical lyrics. Additionally, students examine non-verbal musical storytelling. Students will also develop both written and oral analysis of literature through music. This course is classified as a general ELA elective and is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)

01061-3 Science Fiction and Fantasy - ½ credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: none

This college-preparatory course is a survey of science fiction and fantasy since the twentieth century. This course is reading intensive and entails discussions and writing assignments that address the social impact and the foresight of the writers' works. This course is classified as a general ELA elective and is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

01061-4 Drama Literature - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: none

This course is designed to acquaint students with drama as a language arts genre as well as an art form incorporating playwriting. In this course, students will develop skills in reading and analyzing plays and/or scripts. Students will explore tragic, comedic, and historical works and reflect on the cultures from which they originate. This course is classified as a general ELA elective and is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

Course Fee: none

Course Fee: Cost of Supplementary Texts

Course Fee: Cost of Supplementary Texts

Course Fee: Cost of Supplemental text(s)

Course Fee: none

College Credit Hours: 3

High School Credit: 1

College Credit Hours: 3

High School Credit:

01065-1 Literature and War- ½ credit

Prerequisite: none

Students will study works for a wide range of writers from different countries and armed conflicts. Students will be able to identify the both the similarities and differences in the way writers treat the subject of war. Students will study the ways in which writers use a variety of techniques including irony and humor to discuss war. Due to the topics discussed in this course, some reading materials may have mature content. This course is classified as a general ELA elective and is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)

01069 World Mythology - ½ credit

Prerequisite: none

Students will discover world cultures through diverse mythologies and folklore from around the world. The course will focus on pre-1400 mythologies of Europe, Africa, Asia and the Americas. The students will make connections between history and literature. This course is classified as a general ELA elective.

COMPOSITION / WRITING

01101 Foundations of Composition - 1/2 credit

Pre-requisite: First-time grade 9 status; indicated need for writing remediation Co-requisite: English 9

Designed to assist incoming freshmen transition to the rigors of high school level writing by building on previous writing skills, this course further develops the writing processes and practices necessary for successful high school compositions. Students will learn to write expository, persuasive, critical, analytical, and/or creative multiple-paragraph essays and compositions with an emphasis on improving skills in the conventions of quality writing. While emphasizing composition, these courses may also incorporate some literature study to expose students to exemplary illustrations of various forms of writing. This course may be used as ½ credit toward the four credits of English required for graduation.

01104 Creative Writing - 1/2 credit

Pre-requisite: English 9 or English 9 Honors (or an equivalent CCP English course)

This course is designed as a fiction writing workshop with an emphasis on the short story genre. Students read, analyze, and discuss complex works of literature in order to compose and revise their own short stories. Active participation in the class workshop is a required element to earn credit for the course. This course is classified as a general ELA elective.

eng 1101s - English Composition I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: English

Prerequisite: Acceptance into Sinclair CCP program

In English Composition I students learn reflective, analytical and argumentative writing strategies, incorporating sources and personal experience. Students will negotiate between public and private rhetorical situations and purposes to achieve academic literacy. They will write multiple drafts using a recursive writing process as they work toward fluency in style and mechanics. This course is open only to students who are accepted into the Sinclair CCP

program.

eng 1201s - English Composition II - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: English Prerequisite: eng 1101s

> English Composition II, building on the skills in English Composition I, develops rhetorical literacy through research, critical reading and multi-genre writing tasks. Through major and minor, cumulative and stand-alone assignments, students construct arguments and analyses, ethically incorporating academic sources while developing their own voices as writers and citizens. This course is open only to students who are accepted into the Sinclair CCP program.

SPEECH AND COMMUNICATION

01151 Speech - ½ credit Course Fee: none

Prerequisite: none

Speech provides students with experiences in public speaking that will help them develop an awareness of how to be successful in everyday speaking situations. Students will be required to organize and deliver several types of platform speeches and develop an awareness of various communication media. This course is classified as a general ELA elective and is <u>only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)</u>

MATHEMATICS (02-XXX)

Students are required to earn four math credits as part of their graduation requirements. The minimal required high school math sequence is Algebra I, Geometry, Algebra II and an additional credit of math electives. Completing this four-year sequence will fulfill typical college entrance requirements for those students who are interested in the humanities, while the usual sequence of math courses for students with interests in science, mathematics, engineering, law and medicine is Algebra I-Honors, Geometry-Honors, Algebra II-Honors, Pre-Calculus-Honors and an AP statistics and/or AP calculus course. Graphing or scientific calculators are required for some math courses. Calculators with QWERTY keyboards are not permitted. Students are highly discouraged from doubling up on Algebra I and Geometry should they fail Algebra I and have to retake it.

Courses classified as "general math electives" are intended to supplement the courses noted in the departmental sequencing tracks, not replace them. Math electives may be used as general electives for graduation requirements or for credit toward fulfillment of the grade 12 math course requirements as noted in the chart below. NOTE: Probability and Statistics and Math with Business Applications may be taken any time after students fulfill the Algebra I prerequisite.

| Mathematics Sequencing Recommendations | | | | | |
|--|---|---|-----------------------------------|--|--|
| Course Timing | Basic High School Track | Standard College Prep Track | | Advanced College Prep Track | Honors College Prep Track |
| Grade 8 | Math 8 | Math 8 | | Math 8 | Algebra I |
| Grade 9 | Applied Algebra 1A | Algebra I | | Algebra I -OR- Algebra I-Honors | Geometry-Honors |
| Grade 10 | Applied Algebra 1B | Geom | netry | Geometry -OR- Geometry-Honors | Algebra II -OR- Algebra II-Honors |
| Grade 11 | Geometry | Math Modeling -or- Data Science -or- Algebra II | Algebra II | Algebra II -OR- Algebra II-Honors | Pre-Calculus -or- Pre-Calculus-Honors (-or- AP Statistics) |
| Grade 12 | Math Modeling -or- Data Science -or- Algebra II | Math Modeling -or- Data Science -or- Algebra II | Functions -or- Pre-Calculus | Pre-Calculus -or- Pre-Calculus-Honors -or- AP Statistics | Pre-Calculus-Honors (if Pre-Calc not already taken) -or- AP Calculus -or- AP Statistics |

PURE MATHEMATICS

02052 Algebra I - 1 credit Course Fee: none

Prerequisite: none

Algebra I is the course most freshmen take as their first college-preparatory high school mathematics course. This is a course in the language and methods of algebraic expressions and sentences. Topics include functions, graphs, manipulation of algebraic expressions, solutions of equations and inequalities, solutions of systems, quadratic equations and graphs, exponential expressions, probability, and statistics. This course has a required end-of-course (EOC) exam.

02052H Algebra I - Honors - 1 credit

Prerequisite: Teacher Recommendation

This course covers all of the topics taught in Algebra I, with an in-depth understanding of linear and exponential relationships. Students will apply linear models to data while examining trends as they engage in methods for analyzing, solving, and using quadratic functions. In addition, students will expand their experience with functions to include more specialized functions, such as absolute value, step, and piecewise defined functions. This course has a required end-of-course (EOC) exam.

Course Fee: none

02053 Applied Algebra 1A - 1 credit

Prerequisite: Teacher Recommendation

This is the first of a two-year sequence that will satisfy the Ohio Core Graduation requirements of Algebra I and provide the foundations for future Mathematics courses. Topics include functions, graphs, manipulation of algebraic expressions and the solutions of equations and inequalities. Enrollment in his course will be limited to those students who have been identified as needing a stronger foundation to succeed in Algebra I. Teacher recommendation is required. Upon successful completion of this course, students will enroll in Applied Algebra B. *This course will not count towards eligibility for NCAA purposes.*

02054 Applied Algebra 1B - 1 credit

Prerequisite: Applied Algebra A

This is the second of a two-year sequence that will satisfy the Ohio Core Graduation requirements of Algebra I. Topics include functions, quadratic equations and graphs, exponential expressions, the solutions of equations and inequalities, the solutions of systems, probability, and statistics. This course has a required end-of-course (EOC) exam. This course is only open to students who have taken Applied Algebra A.

02056 Algebra II - 1 credit

Prerequisite: Geometry or Geometry Honors

Required: Graphing Calculator (TI-84 recommended)

This required course continues from and extends the skills and concepts from the more advanced topics in Algebra I and stresses verbal precision and applications. The concept of function is introduced with emphasis on linear, quadratic and logarithmic functions.

02056H Algebra II - Honors - 1 credit

Prerequisite: B or better in Algebra I and B or better in Geometry-Honors or Geometry with teacher recommendation

Requirement: Graphing Calculator (TI-84 recommended)

This course covers all of the topics taught in Algebra II plus a thorough discussion and analysis of trigonometry. Graphing calculators are required and are used to enhance the curriculum. This course moves more rapidly and is more challenging than regular Algebra II; it is designed for students planning a career in mathematics, engineering, physics, etc. Computer projects may be included.

02071 Geometry - 1 credit

Prerequisite: Algebra I or Applied Algebra B or Algebra I Honors

This course is a study of traditional Euclidean Geometry enhanced with three-dimensional exercises. Students will integrate the use of Algebra in problem solving and study all the theorems and properties of plane geometry. This course has a required end-of-course (EOC) exam.

02072H Geometry-Honors - 1 credit

Prerequisite: Algebra I with a B or better

This course contains all of the topics in Geometry with a primary focus on practicing and understanding deductive logic through written proofs of mathematical theorems and exercises. This course has a required end-of-course (EOC) exam.

02109 *Functions* - 1 credit

Prerequisite: Algebra II

Recommended: Graphing Calculator (TI-84 recommended)

This course is specifically designed for non-college bound students and for students who need additional preparation before taking Precalculus, AP math classes, or college-level math courses. The course includes operations with complex numbers, solving equations and inequalities, and analyzing functions. Students will study matrix algebra, including applications, logarithmic and trigonometric functions, including unit circle trigonometry and trigonometric identities. Operations with conic sections will be explored and volume formulas will be used to solve problems. Probability and statistic operations with graphing calculators will be used to calculate expected value and evaluate outcomes of decisions.

02110 Pre-Calculus - 1 credit

Prerequisite: Algebra II-Honors or Algebra II with a C or better with teacher recommendation

Required: Graphing Calculator (TI-84 recommended)

This course is specifically designed for college-bound students. The course concepts include but are not limited to trigonometry, complex numbers, relations, functions, vectors, polar equations, conic sections and detailed use of graphing calculators to explore these concepts with deeper understanding.

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: Study Guide \$20

Course Fee: Study Guide \$20

02110H Pre-Calculus-Honors - 1 credit

Prerequisite: Algebra II - Honors

Required: Graphing Calculator (TI-84 recommended)

This course is designed for students who have mastered the concepts of trigonometry and analysis. It is a thorough course in the detailed study of all types of functions. Trigonometric and analytical ideas are used throughout the course. Computer projects may be included.

CollegeBoard
Advanced Placement
Program

<u>02124 AP Calculus AB – Honors – Advanced Placement</u> - 1 credit

Prerequisite: Pre-Calculus <u>or</u> Pre-Calculus-Honors Required: Graphing Calculator (TI-84 recommended)

This course covers both differential and integral calculus. This course prepares students to take the Advanced Placement Exam for Calculus AB for which college credit may be awarded. All students enrolled will take a practice mock exam, parts of which may be administered outside the regular school day. Computer projects may be included.

APPLIED MATHEMATICS

02158 Math Modeling & Reasoning - 1 credit

Prerequisite: Algebra 1 (or its equivalent) and Geometry

Critical thinking and reasoning are the primary objectives and outcomes of this advanced quantitative reasoning course. It includes the application of mathematical skills including algebraic methods to the analysis and interpretation of quantitative information (numbers in context) in real-world situations to make decisions that are relevant to daily life. Additionally, the course emphasizes interpretation, precision, representation calculation, analysis/synthesis, and use of assumptions and communication through student presentation and writing. Students combine problem solving with modeling to analyze real-life situations and devise solution strategies. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful postsecondary education and a variety of careers. This course qualifies as an Algebra 2 equivalent course.

22161 Data Science Foundations - 1 credit

Prerequisite: Algebra 1 (or its equivalent) and Geometry

Acquiring foundational knowledge in data science and basic programming skills are the primary objectives and outcomes of the Data Science Foundations course. It includes the use of mathematics, statistics, and computer science methods in the analysis and interpretation of data in all forms. In the context of real-world situations students will make predictions and decisions using data. Students combine problem solving and reasoning skills with statistics and modeling to analyze big data to find patterns and communicate meaning in data. Ohio's Learning Standards related to Statistics and Probability relevant to data science are taught along with the data demands of good citizenship in the 21st century. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful postsecondary education and a variety of careers. *This course qualifies as an Algebra 2 equivalent course.*

PROBABILITY AND STATISTICS



02203 AP Statistics – Honors - Advanced Placement - 1 credit

Prerequisite: Algebra II or Algebra II Honors

Required: Graphing Calculator (TI-84 recommended)

This course is designed for the college-bound student. The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns, Sampling and Experimentation: Planning and conducting a study, Anticipating Patterns: Exploring random phenomena using probability and simulation and Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. All students enrolled will take a practice mock exam, parts of which may be administered outside the regular school day.

LIFE & PHYSICAL SCIENCES (03-XXX)

Students are required to earn three science credits as part of their graduation requirements. **Students must have one unit of biological science, one unit of physical science, and one unit of advanced study.** The diagram that follows contains a graphical representation of the recommended course sequences for science. If you have any questions about the science sequence that is most suited to you, please contact your science teacher or your school counselor. Courses classified as "electives" are intended to supplement the courses noted in the departmental sequencing tracks, not replace them. Science electives may be used as general electives for graduation requirements.

| Science Sequencing Recommendations | | | | | |
|------------------------------------|---|---|--|---|--|
| Course Timing | Basic High School Track | Standard College Prep Track | Advanced College Prep Track | Honors College Prep Track | |
| Grade 9 | Integrated Physical Science | Biology I | Biology I -OR- Biology I-Honors | Biology I-Honors | |
| Grade 10 | Biology I | Chemistry I | Chemistry I -OR- Chemistry I-Honors | Chemistry I-Honors | |
| Grade 11 | Earth Science | Earth Science | Earth Science -or- AP Physics 1 or Physics-Honors -or- Any non-Physics AP Science Course | AP Physics 1, AP Biology II, AP Chemistry II, or AP Environmental Science | |
| Grade 12 | None Required -BUT- Option to take another Science as an elective | Physics-Honors or 1 full credit of another advanced science | Any AP Science Course | AP Physics 2, AP Biology II, AP Chemistry II, or AP Environmental Science | |

EARTH SCIENCE

03004 Astronomy - 1/2 credit

Prerequisites: Algebra I

In this course, students will explore and gain better appreciation of this vast cosmic universe that is continuously expanding and changing. The topics will include but are not limited to the following: measurement, scientific notation, order of magnitude, scaling models, scientific method, analysis and interpretation of cosmic data, historical perspectives, laws of gravity and motion, spectrum and basic spectroscopy; study of planets, meteors, asteroids, comets, stars, stellar evolution and the associated remnants, including white dwarfs, neutron stars, black holes, the Milky Way, super clusters, and probes of intergalactic space-quasars. This course is classified as an **advanced science** elective course and is <u>only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)</u>

03008 Earth Science - 1 credit

Prerequisite: 1 credit **each** of physical science **and** biological science

This course will provide students an overview of earth science principles that will include, geology, mining, natural resource management, volcanism, earthquakes, meteorology, and the theory of global warming. The interaction of man with these systems will be emphasized. It is a writing-intensive course focusing on the processes of science using inquiry learning, computer-based learning, active problem solving and model building. This course is classified as an **advanced science** course.

BIOLOGY

<u>03051 Biology I</u> – 1 credit Course Fee: \$10.00

Prerequisite: 1st time incoming Grade 9: "C" or better in 8th grade science <u>and</u> concurrent enrollment in Algebra I or higher math class All other students: Physical Science

This is a basic biology course that will include the study of cells, heredity, biological evolution and the diversity and interdependence of life. There will be a lab component throughout the year. This course has a required end-of-course (EOC) exam. <u>This course fulfills</u> the biological science course requirement for graduation.

Course Fee: \$10.00

Course Fee: \$10.00

03051H Biology I - Honors - 1 credit

Prerequisite: 1st time incoming Grade 9: "B" or better in 8th grade science and

Concurrent enrollment in Algebra I or higher math class and teacher recommendation

Course Fee: \$10.00

Course fee-\$10.00

Course fee- \$10.00

Lab Fee: \$35.00

All other students: "B" or better in Physical Science and teacher recommendation

This rigorous course is designed for the college-bound student. Biology I Honors is a well-balanced introductory course that challenges students in their study of biological topics such as cell biology, genetics, kingdom studies, and ecology with consideration made toward biological problems and issues of special importance to man. Projects, technology applications, and laboratory experiences are integral parts of the course. This is a preparatory class for future studies in honors chemistry and advanced-placement biology. Students who have previously taken standard Biology I may not enroll in Biology I Honors. This course has a required end-of-course (EOC) exam. *This course fulfills the biological science course requirement for graduation.*



<u>03056 AP Biology II – Honors – Advanced Placement</u> - 2 credit Course Fee: \$20.00 + Study Guide \$20.00 Prerequisite: Biology I Honors (or Biology I) **and** Chemistry I Honors (or Chemistry I)

This is a full-year course that prepares students to take the Advanced Placement Exam for Biology for which college credit may be awarded. AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations that provide students with opportunities to apply the science practices as they explore the following topics: evolution, cellular processes – energy and communication, genetics, information transfer, ecology, and interactions. Extensive laboratory, project and presentation work is included that have students ask questions, make observations/ predictions, design experiments, analyze data, and construct arguments in a collaborative setting. This course is a must-have for those pursuing a medical related profession. Field trips and guest speakers are planned. AP Bio meets for two periods every day. This course is classified as an **advanced science** course.

03058 Botany - 1/2 credit

Prerequisite: Biology or Concurrent enrollment in Biology

Botany is a branch of Biology and is the scientific study of all plant life and development. Botany covers a wide range of scientific disciplines that studies lower plants, higher plants, algae, and fungi including: structure, growth, reproduction, metabolism, development, diseases, and chemical properties and evolutionary relationships between the different groups. This course is designed to complement the biology curriculum and can be taken concurrently with or after biology. This course is classified as a **life science elective** and is *only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)*

03061 Zoology - 1/2 credit

NOTE: This course is not offered for 2023-2024.

Prerequisite: Biology or Concurrent enrollment in Biology

Zoology provides the student with a survey of invertebrate and vertebrate animals. Zoology students will delve into the diversity of life by studying characteristics, reproduction, development, taxonomic relationships, life processes, survival mechanisms, and economic importance among the organisms. This course will include dissections of various animals. This course is designed to complement the biology curriculum and can be taken concurrently with or after biology. This course is classified as a **life science elective course** and is *only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)*

PROJECT LEAD THE WAY: BIOMEDICAL SCIENCES

PLTW Biomedical Science students are empowered to explore and find solutions to some of today's most pressing medical challenges. Through scaffolded activities that connect learning to life, students step into the roles of biomedical science professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health. Students work together in teams to find unique solutions, and in the process, learn in-demand, transferable skills like critical thinking and communication. NOTE: Concurrent enrollment in Principles of Biomedical Science and Human Body Systems is permitted only with teacher recommendation and counselor approval.

03066 PLTW Principles of Biomedical Science (PBS) - 1 credit

Prerequisite: Concurrent enrollment in college-preparatory English and mathematics

This is the first course in the PLTW Pathway to Biomedical Sciences series. Students explore the concepts of human medicine and are introduced to research processes and to bioinformatics. Hands-on projects enable students to investigate human body systems, various health conditions and infectious diseases. Students will work collaboratively to determine the factors that led to the death of a fictional person and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The course is designed to provide an overview of all of the courses in the Biomedical Sciences program and to lay the scientific foundation necessary for success in the subsequent courses. Engineering principles are also incorporated where appropriate. These include the design process, feedback loops, fluid dynamics and the relationship of structure to function. This course is classified as a **general science elective** course.

03067 PLTW Human Body Systems (HBS) – 1 credit

Prerequisite: Principles of Biomedical Science <u>and</u> concurrent enrollment in college-preparatory English and math
This is the second course in the PLTW Pathway to Biomedical Sciences series. Students examine the processes, structures, and
interactions of the human body systems to learn how they work together to maintain homeostasis (internal balance) and good health.
Using real-world cases, students take the role of biomedical professionals and work together to solve medical mysteries. Hands-on
projects include designing experiments, investigating the structures and functions of body systems and functions. Important concepts
covered include communication, transport of substances, locomotion, metabolic processes defense and protection. This course is
classified as a general science elective course.

Lab Fee: \$35.00

Lab Fee: \$35.00

Lab Fee: \$35.00

Course Fee: \$20.00

Course Fee: \$20.00

Course Fee: \$35.00

03068 PLTW Medical Interventions (MI) – 1 credit

Prerequisite: Human Body Systems <u>and</u> concurrent enrollment in college-preparatory English and mathematics
This is the third course in the PLTW Pathway to Biomedical Sciences series. Students gain knowledge and skill in genetic principles and molecular methods of analysis. Topics include enzymology, protein purification, and gene expression and organization. Students perform bio-molecular applications using knowledge of nucleic acid structure and function, DNA replication, transcription, translation, chromosome structure and remodeling and regulation of gene expression in prokaryotes and eukaryotes. Additionally, students will use electrophoresis to separate nucleic acids and proteins to determine molecular weight. This course is classified as an **advanced science** course.

03070 PLTW Biomedical Innovation (BI) – 1 credit

Prerequisite: Medical Interventions <u>and</u> concurrent enrollment in college-preparatory English and mathematics Students design innovative solutions for the health challenges of the 21st century. They work through progressively challenging openended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health. They have the opportunity to work on an independent project with a mentor or advisor from a university, hospital, research institution or the biomedical industry. Throughout the course, students are expected to present their work to an audience of STEM professionals. This course is designed for 12th grade students. This course is classified as an **advanced science** course.

CHEMISTRY

03101 Chemistry I – 1 credit

Prerequisite: Biology I or Biology I Honors and Algebra I

Requirement: Scientific or Graphing Calculator

This introductory course takes a classical approach to the theory and application of chemistry. Lecture and laboratory topics included mathematical problem-solving in Chemistry, atomic structure, chemical formulas and nomenclature, principals of bonding, chemical quantities and stoichiometry, chemical reactions and equations, gas laws, phases and intermolecular attraction, thermochemistry and solutions. It is expected that students entering this course have a thorough command of Algebra with a prerequisite of Algebra I. This course is classified as an **advanced science** course; however, **it fulfills the physical science course requirement for graduation if a student does not take Physical Science**. If Chemistry is used to fulfill the physical science requirement, then an additional advanced science course must be taken to fulfill the advanced science course requirement.

03101H Chemistry I-Honors - 1 credit

Prerequisite: Biology I or Biology I Honors and a B average or better in Algebra I

Requirement: Scientific or Graphing Calculator

This accelerated introductory course takes a classical approach to the theory and application of chemistry. It is college preparatory in nature and is intended for students in grades 10, 11 or 12 who are planning higher education in either science or engineering. Examples of career paths would include physicians, nurses, physical therapists, biologist, chemists, biochemists, and all fields of engineering. Lecture and laboratory topics included mathematical problem-solving in chemistry, atomic structure, chemical formulas and nomenclature, principals of bonding, chemical quantities, stoichiometry, chemical reactions and equations, gas laws, phases and intermolecular attraction, thermochemistry, kinetics, equilibrium, acids and bases, and electrochemistry. This course is classified as an **advanced science** course; however, *it fulfills the physical science course requirement for graduation if a student does not take Physical Science*. If Chemistry is used to fulfill the physical science requirement, then an additional advanced science course must be taken to fulfill the advanced science course requirement. [Note: Students are expected to be concurrently enrolled in Algebra II and will be required to complete summer assignments prior to entering the course in the fall.]

03105 Artful Chemistry - 1/2 credit

NOTE: This course is not offered for 2023-2024.

Prerequisite: Chemistry or Concurrent enrollment in Chemistry

In this physical sciences course, students will learn and apply fundamental chemical concepts through hands-on projects related to arts and crafts. <u>Color and Pigment:</u> Students investigate light versus pigment, create their own chemical pigments, and use these pigments to create art. Chemical concepts discussed include the electromagnetic spectrum, the physiology of seeing light, atomic emission spectra, and transition metals. <u>Paper Making:</u> Students prepare their own paper and use it to make a collage. Chemical concepts include acid - base chemistry in paper creation and oxidation in bleaching compounds. <u>Textiles and Dyes:</u> Students investigate types

of fabrics, dyes, and mordants. Students ultimately create a marbled bound book. Chemical concepts include covalent and ionic compounds, polarity, and solubility. Metals: Students create metal jewelry after investigating properties of common metals and alloys. Chemical concepts include activity, oxidation and reduction, and electrochemistry. Soaps: Students will create soaps to include fragrances and dyes. Chemical concepts include saponification, acid-base chemistry, organic chemistry, chemical equations, and esters. Sculpture: repurpose non-biodegradable materials into sculpture. Chemical and environmental concepts include polymers structure and function as well as biodegradability of polymers. This course is classified as a physical science elective and is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)



03106 AP Chemistry II - Honors - Advanced Placement - 2 credits

Prerequisite: B average or better in both Algebra II and Honors Chemistry

Requirement: Scientific or Graphing Calculator

This rigorous and fast-paced course meets 2 periods a day, follows a college-level general chemistry curriculum, and prepares students to take the Advanced Placement Exam for Chemistry for which college credit may be awarded. Students will gain an appreciation for the intricate reactions that control and maintain life. Many Honors Chemistry I topics are reviewed and studied to greater depth. Additional advanced topics include chemical equilibriums, kinetics, and thermodynamics. This course requires mastery of algebra skills, excellent work ethics, and extensive lab work. This course is classified as an **advanced science** course.

Course Fee: \$20.00

Course Fee: \$10.00

Course Fee: \$15.00

Course Fee: \$20.00

PHYSICAL SCIENCE AND PHYSICS

03159 Integrated Physical Science - 1 credit

Prerequisite: none

This is an entry-level course that discusses matter and energy. This course will provide an introduction to the periodic table, the atomic model, chemical interactions, Newton's Laws of motion, energy, earth processes and the universe. In addition, this course will focus on the process of science, which includes inquiry learning and active problem solving. There will be a lab component throughout the year. *This course fulfills the physical science requirement for graduation*.

03151H Physics-Honors - 1 credit

Prerequisite: Chemistry 1 or Chemistry I-Honors and Geometry or Geometry-Honors

Physics—Honors is designed for students who are skilled in math and seek a fast-paced introductory physics class. Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the

Physics involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. This college preparatory course, while rigorous, emphasizes conceptual understanding and real-life applications of physics. In addition to problem-solving, students should expect to participate in hands-on demonstrations and laboratory experiments. This course is classified as an **advanced science** course. [NOTE: Students interested in starting physics may take <u>either</u> Physics-Honors <u>or</u> AP Physics 1 (students may not enroll in both).]



03165 AP Physics 1 - Honors - Advanced Placement - 1 credit Course Fee: \$20.00

Prerequisite: Chemistry I or Chemistry I-Honors <u>and</u> Geometry or Geometry-Honors

Designed by the College Board to parallel first-semester college-level courses in algebra-based physics, this course focuses on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. AP Physics 1 is designed to be a first-year physics course which you can take without prior physics experience. Through inquiry-based learning, students will develop critical thinking and reasoning skills as defined by the AP Science Practices as explore the following topics: kinematics, dynamics, circular motion, Universal Law of Gravitation, simple harmonic motion, impulse and momentum, work and energy, wave theory, and rotational motion. AP Physics 1 is designed to prepare students for the Advanced Placement examination in Physics 1. This course is classified as an **advanced science** course.



03166 AP Physics 2 – Honors – Advanced Placement - 1 credit

Prerequisite: AP Physics 1

Designed by the College Board to parallel second-semester college-level courses in algebra-based physics, this course covers fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. AP Physics 2 is designed to be a second-year physics course. AP Physics 2 is designed to prepare students for the Advanced Placement examination in Physics 2. This course is classified as an **advanced science** course.

ENVIRONMENTAL SCIENCE, INTEGRATED SCIENCES, & OTHER SCIENCE



AP Environmental Science - Honors - Advanced Placement - 2 credits

Prerequisite: Any chemistry course

This year-long course takes a critical thinking, research and project-based approach in modeling a college-level introductory environmental science curriculum. This course provides students with scientific principles, concepts, and methodologies required to understand the interrelationships of their environment, to identify and analyze natural and human-made environmental problems in order to evaluate relative risk, and to examine alternative solutions for solving or preventing them. Topics include Earth systems, natural resources, land and water use, ecology, energy, pollution, population dynamics, climate change, experimental design, and current events. This class meets for two periods every day, and field trips and outdoor experiences are components of the course. This course is classified as an advanced science course.

21017 PLTW Introduction to Engineering Design (IED) – 1 credit

Course Fee: \$35.00

Course Fee: \$20.00

* See entry under Engineering & Technology

21018 PLTW Principles of Engineering (POE) - 1 credit

Course Fee: \$35.00

See entry under Engineering & Technology

Digital Electronics (DE) - 1 credit

Course Fee: \$35.00

See entry under Engineering & Technology

21019 PLTW Aerospace Engineering (AE) – 1 credit

Course Fee: \$35.00

See entry under Engineering & Technology

SOCIAL SCIENCES & HISTORY (04-XXX)

Students must earn three social studies credits including World Studies, American Studies and Government (or Honors/AP equivalents) as part of their graduation requirements. Courses classified as "general social studies electives" are intended to supplement the courses noted in the departmental sequencing tracks, not replace them. Social studies electives may be used as general electives to fulfill graduation requirements.

| Social Studies Sequencing Recommendations | | | | | | |
|---|---|--|--|------------------------------|--|--|
| Course Timing | Basic High School Track | Standard College Prep Track | Advanced College Prep Track | Honors College Prep Track | | |
| Grade 9 | World Studies | World Studies | World Studies -OR- World Studies Honors | World Studies Honors | | |
| Grade 10 | American Studies | American Studies | American Studies -OR- American Studies-Honors | American Studies Honors | | |
| Grade 11 | Government | Government | Government -OR- AP Gov't & Politics | AP Gov't & Politics | | |
| Grade 12 | None Required -BUT- Option to take Social Studies classes as electives | Psychology -AND/OR- Another Social Studies Elective | AP Psychology -OR- Soc St Electives | AP Psychology | | |

WORLD HISTORY

World Studies - 1 credit

Course Fee: none Prerequisite: none

World Studies is a freshmen-level course that consists of the chronological study of the world from 1750 to the present and Age of Revolutions through the twenty-first century. This course will include the seven social studies standards: history, people in society, geography, economics, government, citizenship rights and responsibilities and social studies skills and methods. Students will develop a deeper understanding of the role citizens play in their countries. The influences of geography, culture and economics will be emphasized. Students will understand how governmental changes that happened during this historical period have affected the world as a whole.

04053H World Studies - Honors - 1 credit

Prerequisite: Middle School Teacher recommendations if they are available.

World Studies is a freshman-level course in which students will analyze World History from 1600 to the present in an in-depth manner. Understanding today's interconnected world begins with an understanding of its history. Students will be required to read and analyze primary and secondary sources, research various topics and write term papers. Typically for freshmen, this course will help prepare students for the rigors of college courses.

04064 Current Events - 1/2 credit

Prerequisite: none

This survey course will examine the major events that are shaping our world today. Students will research, discuss, and debate how what is happening today will impact what happens tomorrow. Students will gain an understanding and appreciation of geography and its impact on world events. This course is classified as a general social studies elective.



HIS 1111s - Western Civilization I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: History

Prerequisite: Acceptance into Sinclair CCP program



This course covers major trends in the development of Western culture, emphasizing political, economic, social and cultural achievements from prehistory to the seventeenth century. Students will apply critical thinking to analyze primary and secondary sources (i.e. historical analysis of text), scholarly historical monographs, biographies, and syntheses, and use them to construct well-organized, well-argued historical accounts, and explain the causes, effects and relevance of specific historical events and/or periods within the broader historical context. This course is open only to students who are accepted into the Sinclair CCP program.



HIS 1112s - Western Civilization II - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: History

Prerequisite: Acceptance into Sinclair CCP program



This course covers major trends in the development of Western culture, emphasizing political, economic, social and cultural achievements from the seventeenth century to the present. Students will analyze and demonstrate knowledge of diverse and evolving historical interpretations of major eras and topics, explain the causes, effects and relevance of specific historical events and/or periods within the broader historical context, develop an understanding of the political, economic, social, and cultural achievements of Western Culture in the 17th to 21st centuries, and critically analyze primary source documents and use them to construct well-organized, well-argued historical accounts. This course is open only to students who are accepted into the Sinclair CCP program.

Alignment of FHS & CCP History Courses

CCP History course content is different than FHS Social Studies' course content. However, the Ohio Department of Education allows some CCP courses to substitute for high school-graduation required courses. The chart below shows which CCP courses can be used in place of required high school courses. A CCP course can be used to substitute for only one high school course. (An asterisk * denotes honors course classification.)

FHS Course

CCP Course

Course Fee: none

World Studies (full year)/World Studies Honors* (full year)

Course Fee: none

College Credit Hours: 3

High School Credit:

College Credit Hours: 3

High School Credit: 1

Course Fee: none

American Studies (full year)/American Studies Honors* (full year)

U.S. History I* (sem1) or U.S. History II* (sem2)

U.S. HISTORY

04103 American Studies - 1 credit

Prerequisite: World Studies or World Studies Honors

American Studies is a sophomore-level course that examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. This course fulfills the American history graduation requirement and has a required end-of-course (EOC) exam.

04103H American Studies - Honors - 1 credit

Prerequisite: "B" or higher grade average in World Studies or World Studies Honors

This course is recommended for the student who is interested in analyzing and researching American Studies from 1875 to the present in a more in-depth fashion than the standard American Studies course. A semester project is required as is independent reading in addition to the textbook. Students that plan on attending four-year colleges would do well to take this course. This course will require that students read, write and research further than a student in the non-Honors American Studies course. **This course fulfills the American history graduation requirement** and has a required end-of-course (EOC) exam.



HIS 1101s - United States History I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: History

Prerequisite: Acceptance into Sinclair CCP program

This course covers the development of the people of the United States in political, social, economic, and cultural areas from pre-Columbian America through Reconstruction. Students will develop an understanding of the diverse origins of the American people and their political, social, economic, and cultural interactions in the colonial and early national periods, apply critical thinking to analyze primary and secondary sources (i.e. historical analysis of text), scholarly historical monographs, biographies, and syntheses, and use them to construct well-organized, well-argued historical accounts, and explain the causes, effects and relevance of specific historical events and/or periods within the broader historical context. This course fulfills the American history course graduation requirement and is open only to students who are accepted into the Sinclair CCP program.

Course Fee: none

College Credit Hours: 3

High School Credit:

College Credit Hours: 3

High School Credit:



HIS 1102s - United States History II - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: History

Prerequisite: Acceptance into Sinclair CCP program

College Credit This course covers the development of the people of the United States in political, social, economic, and cultural areas from Reconstruction to the present. Students will develop an understanding of the diverse origins of the American people and their political, social, economic, and cultural interactions in the 19th and 20th centuries, apply critical thinking to analyze primary and secondary sources (i.e. historical analysis of text), scholarly historical monographs, biographies, and syntheses, and use them to construct well-organized, well-argued historical accounts, and explain the causes, effects and relevance of specific historical events and/or periods within the broader historical context. This course fulfills the American history course graduation requirement and is open only to students who are accepted into the Sinclair CCP program.

Course Fee: none

GOVERNMENT, POLITICS, AND LAW

04151 *U.S. Government* - 1 credit:

Prerequisite: American Studies or American Studies Honors

U.S. Government must be completed during the junior year. How the American people govern themselves at the national, state and local levels of government is the basis of this course. A special emphasis is placed on key documents, such as the Bill of Rights, in the development of our nation. Moreover, students should take away the understanding that a democratic government's survival depends upon the intelligent decisions of informed voters. **This course fulfills the government requirement for graduation, and** <u>has a required end-of-course (EOC) exam.</u>



04157 AP U.S. Government & Politics - Honors - Advanced Placement - 1 credit

Course Fee: Cost of Supplementary Text(s)

Prerequisite: "B" average or better in American Studies

U.S. Government must be completed during the junior year. This is a fast paced, reading-intensive course providing an analytical perspective on government and politics in the United States. Following the College Board's suggested curriculum designed to parallel college-level U.S. Government and Politics courses, this course involves the study of general concepts used to interpret U.S. politics, the analysis of specific case studies and requires familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. political culture. This course is well-suited for those students who are interested in pursuing a future in government, criminal justice or community leadership. The course also prepares students to take the Advanced Placement Exam for Government. **This course fulfills the government requirement for graduation, and** has a required end-of-course (EOC) exam.

04162 Law Studies - 1/2 credit

Prerequisite: None

This semester course will serve as an introductory course to the law and legal systems in the United States. The main focus of the course will be on Criminal Law, School and Juvenile Law. Mock trials, case studies, simulations and other activities will be used to allow students to explore the definition of law, citizen rights, and responsibilities under the law. This course is classified as a general social studies elective.

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: none

04163 Law and Society -1/2 Credit

Prerequisite: None

This semester course will serve as an introductory course to the law and legal systems in the United States. The main focus of the course will be on individual rights and liberties, Consumer Law, and Family Law. Mock trials, case studies, simulations and other activities will be used to allow students to explore the definition of law, citizen rights and responsibilities under the law. This course is classified as a general social studies elective.

SOCIAL SCIENCES

04254 Psychology - 1/2 credit

Prerequisite: American Studies

The facts of human behavior have changed little since the time of primitive humanity, but our understanding of them increases with each new psychological idea that is explored in this semester course. This introductory psychology course should enable students to see themselves differently and as a consequence, view their own behavior more realistically. Topics will include sensation and perception, altered states of consciousness, memory, learning, psychological disorders, testing, human development, theories of personality and other related topics.



<u>**04256**</u> <u>AP Psychology – Honors- Advanced Placement</u> - 1 credit Course Fee: Cost of Supplementary Text(s) Prerequisite: B or higher average in American Studies or American Studies Honors

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the facts, principals, and phenomena associated with each of the major subfields within psychology. Students learn about the ethics and methods psychologists use in their science and practice. The course provides a learning experience equivalent to an entry level college psychology course and prepares students to take the AP Exam for Psychology for which college credit may be awarded.

Course Fee: none

04258 Sociology - 1/2 credit

Prerequisite: American Studies or American Studies Honors

Sociology is a semester course that deals with the study of human groups. Each society sets up unique social arrangements for satisfying the biological and psychological needs of its members. The social organizations that prevail often fall short of the demands made upon them. This course deals with the attempts made by our own culture and other cultures to change the institutions or to change the individuals in order to achieve a harmony between the self and his or her society. Topics will include social interactions, cultures and variations of cultures, processes of socialization, social institutions and other current social issues.

HUMANITIES

04310 History Through Film & Media- 1/2 credit

Prerequisite: World Studies or World Studies-Honors

This course is a study of film and how it depicts trends, issues, and other various events throughout history. In this course, students will use film, literature, primary and secondary sources to understand and evaluate political, social, and cultural movements that have shaped history. In addition to viewing films, students will be expected to complete readings on assigned topics and complete multiple writing activities. Students will develop skills such as identifying bias, evaluating information presented in multiple formats, presenting information informally, and writing and defending their position(s). Students will build on their knowledge of history to focus on a deeper content analysis. This course is classified as a general social studies elective.

VISUAL & PERFORMING ARTS (05-XXX)

MUSIC

SPECIAL STATEMENT CONCERNING MUSIC COURSES FOR THE 2023-2024 SCHOOL YEAR

The impact of COVID-19 schooling options since March 2020 has had a significant impact on the instrumentation and enrollment ability in performing arts ensembles. Unfortunately, this impact will take several years to normalize to pre-pandemic levels. To prepare for the best possible educational environment for large group instrumental ensembles, all students enrolling in band will be limited to registering for Concert Band only for the 2023-2024 school year, and all students enrolling in orchestra will be limited to registering for Chamber Orchestra. Should there be adequate enrollment and instrumentation to have two bands and/or two orchestras after the students have scheduled and audition processes are completed, then students will be placed in either Concert Band/Symphonic Winds or Chamber Orchestra/Symphonic Orchestra based on their audition, instrumentation needs, and teacher recommendation. Similarly, should it be necessary, the choir director may alter the enrollment limitations placed on choral courses.

<u>05102-1</u> Concert Band – 1 credit Course Fee: \$35.00 (music purchasing and instrument/equipment maintenance)

Prerequisite/Requirement: Audition and Teacher Recommendation

Concert Band is open to all students in grades 9-12 who play brass, woodwind, or percussion instruments. This performance-based class will include concert and solo and ensemble music with a Class C or Class B OMEA difficulty level. Focus is on fundamentals of ensemble performance including tone quality, scales, rhythm, balance, blend, and technique. This group has a minimum of four required performances during the school year.

05102-2 Symphonic Winds - 1 credit Course Fee: \$35.00 for all students

Additional Fee: \$75.00 for females (one-time concert dress purchase);

\$35.00 for males (annual tuxedo rental)

Course Fee: \$45.00

Course Fee: \$45.00

Course Fee: \$45.00

NOTE: This course is not currently being offered in the 2023-2024 academic year. See the Special Statement above under "Music."

Prerequisite/Requirement: Audition and Teacher Recommendation

Symphonic Winds is the premier wind ensemble at FHS and is open to students in grades 9-12 who play a brass, woodwind or percussion instrument. Students will only be admitted to the class by audition. This performance-based class will include marching, concert and solo and ensemble literature with an OMEA difficulty rating of A or AA. Study of advanced music concepts will include all major and minor scales, advanced rhythmic studies, advanced listening, advanced harmony skills, basic music theory and analysis of the social implications of the music performed. This group has a minimum of five required performances during the school year.

<u>05105 Jazz Improvisation/Rock Band Ensemble</u> - 1 credit Course Fee: \$15.00 workbook

Prerequisite/Requirement: Audition and Teacher Recommendation

This class is designed for individuals who want to learn how to improvise and play in a small ensemble setting. We play various styles in this class including rock, jazz, funk and Latin. This performance-based class is open to students in grades 9-12 who play brass and woodwind instruments, drum-set, guitar, electric or upright bass and piano. This is an advanced ensemble and individuals will have to have a thorough knowledge of major and minor scales and have a high level of ability on their instrument. Students will also be given several music theory tests throughout the year. Guitar players must have initial knowledge of reading tablature and will be taught how to read written music. Bass players must be able to read music notation. Drum-set players must be able to perform basic rhythm styles (rock, Latin and funk beats) and must be able to read music notation.

05110-1 *Choral Union* - 1 credit

Prerequisite: Grade status of 9, male and female voices Requirement: Audition and Teacher Recommendation

This freshman-level choir class objectives are developing basic vocal skills and techniques, improving part-singing and music reading skills, and preparing choral literature for performance. This choir performs at school concerts and various contests with a minimum of four required performances during the school year.

05110-2 Concert Choir - 1 credit

Prerequisite: Grade status of 10 for female voices only. Requirement: **Audition and Teacher Recommendation**

Concert Choir is open to female students in grade 10. Objectives are to develop vocal skills and techniques, improve part-singing and music reading skills, and prepare choral literature for performance at concerts and contests with a minimum of four (4) required performances during the school year.

05110-3 A Cappella Choir - 1 credit

Prerequisite: Grade status 11 or 12 for female voices; grade status 10-12 for male voices

Requirement: Audition and Teacher Recommendation

A Cappella Choir is a large group ensemble with the objectives of further developing vocal skills and techniques, improving part-singing and music reading skills, and preparing choral literature for performance at concerts and contests with a minimum of four (4) required performances during the school year.

05120-1 Chamber Orchestra - 1 credit

Prerequisite/Requirement: Audition and Teacher Recommendation

Chamber Orchestra is open to all students in grades 9-12 who play stringed instruments. This performance-based class will focus on the fundamentals of ensemble playing including tone quality, scales, rhythm, balance and blend. This group has a minimum of four required performances during the school year.

05120-2 Symphonic Orchestra - 1 credit

Course Fee: none

Course Fee: none

Course Fee: \$22.00

Course Fee: \$22.00

Course Fee: \$24.00

Course Fee: \$32.00

Course Fee: \$32.00

NOTE: This course is not currently being offered in the 2023-2024 academic year. See the Special Statement above under "Music."

Prerequisite/Requirement: Audition and Teacher Recommendation

This is the premier orchestral ensemble at FHS open to students in grades 9-12. This performance-based class will focus on the study of advanced musical concepts including scale and technique exercises, rhythmic studies, music theory, sight reading and intonation acuity. This group has a minimum of five required performances during the school year.

VISUAL ARTS

The art program is designed to provide a broad general background in visual art and offer opportunities to pursue areas of special interest. Students should take only one studio art course per semester. Students who are planning for a career in an art field should contact one of the art instructors for assistance in planning their overall Course of Study, especially since many art classes are only offered every other year. The art instructors can also provide direction and assistance to students who are preparing portfolios for art-related college entrance requirements. Enrollment in level II and III art courses may be limited; in cases where the number of requests exceed capacities, scheduling priority will be given to upperclassmen. It is strongly recommended that freshmen request level I courses only.

| Courses Offered | Courses Offered Every Other Year | | | | |
|--------------------|---------------------------------------|--------------------------------------|--|--|--|
| Every Year | School Years Ending in an Even Number | School Years Ending in an Odd Number | | | |
| Drawing courses | (Example: 2021-22, 2023-24, etc.) | (Example: 2022-23, 2024-25, etc.) | | | |
| Digital Design | Ceramics courses | Sculpture courses | | | |
| Media Arts courses | Painting courses | Textiles & Fibers courses | | | |

05156-1 *Drawing I: Basic* - ½ credit

Prerequisite: none

This course is for students who wish to learn basic drawing skills and shading techniques. Areas of study will include drawing from observation and projects will focus on still life, portrait, perspective, and gridded drawings. Media will include an array of drawing pencils and other drawing materials. Emphasis will be placed on experimenting with a multitude of pencils, charcoal, and other possible mediums.

05156-2 Drawing II: Intermediate - 1/2 credit

Prerequisite: Drawing I

Drawing II students will be expected to have mastered basic drawing skills and techniques. Students will work with a variety of drawing techniques, media, and concepts. Students will begin working on their portfolios for art school admission and scholarship competition.

05156-3 Drawing III: Advanced - 1/2 credit

Prerequisite: Drawing II

Student works will concentrate on mediums used in Drawing I and II. New art concepts may be introduced such as printmaking and collage. Student works must meet display and art show standards. Students will be encouraged to express independent ideas and alternative interests.

05157-1 Painting I: Basic - 1/2 credit

Prerequisites: none

In this introductory painting class, students will work in mediums of acrylic and watercolor. Students will study famous painters and their work and techniques. Studio activities will emphasize color relationships and theory as applied to painting still-life, portraits, landscapes, and abstraction. Students will learn basic painting techniques. <u>This course is only offered in school years that end with an even number.</u> (Example: 2023-24, 2025-26, etc.)

05157-2 Painting II: Intermediate - 1/2 credit

Prerequisite: Painting I

Painting II students will explore several historical art periods and subject matters. Students will have the opportunity to work in the mediums of acrylic, watercolor, and oil paint. Students will begin to develop original ideas for expression. *This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)*

05157-3 Painting III: Advanced - 1/2 credit

Prerequisite: Painting II

Painting III students will explore various historical styles of expression, such as impressionism, surrealism, abstraction, and non-objective. Emphasis will be placed upon applying cumulative awareness of personal interests, painting techniques, and style preferences. Students will develop individual styles of expression. This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)

Course Fee: \$32.00

Course Fee: \$28.00

Course Fee: \$28.00

Course Fee: \$30.00

Course Fee: \$29.00

Course Fee: \$29.00

Course Fee: \$30.00

Course Fee: \$25.00

Course Fee: \$22.00

05158-1 Sculpture I: Basic - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisites: none

Three-dimensional form will be studied in a variety of materials including paper, plaster, wire, metals, foam, and plastic. Emphasis will be placed on developing original ideas and selecting the most effective techniques to express them in 3-D. The history and culture of sculpture and the works of various sculptors and other artists will be studied. <u>This course is only offered in school years that end with</u> an odd number. (Example: 2022-23, 2024-25, etc.)

05158-2 Sculpture II: Intermediate - Sculpture Media - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Sculpture I

This course consists of the study of three-dimensional forms using specific materials. The materials are to be selected based on the students' experiences and assignments from Sculpture I. Emphasis will be placed on the students' originality and the comparison of their work in relation to the history and current trends of the medium. Students will study many famous artists and sculptors. <u>This</u> course is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

05158-3 Sculpture III: Advanced - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Sculpture II

This course is based on students solving three-dimensional problems using materials based on the experience in Sculpture I and II. Emphasis will be placed on defining 3-D problems and creating new projects from familiar materials. Student work will be created for public display. *This course is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)*

05159-1 Ceramics I: Basic - ½ credit

Prerequisites: None

This is a studio class with clay as the medium. Students are introduced to the history, cultures, and the science of clay. Students will explore basic methods of clay construction and firing. Students are expected to learn the basic hand-building techniques and wheel throwing. Students are encouraged to develop clay forms of self-expression. This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)

05159-2 Ceramics II: Intermediate - Ideas and Glazes - 1/2 credit

Prerequisite: Ceramics I

This is a studio class with clay and glaze as the medium. Students continue working in the areas they explored in Ceramics I. Projects include mold construction, wheel throwing, reduction carving, and coil building. Students work from complex ideas and potter examples. Students experiment with various glaze applications. This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)

05159-3 Ceramics III: Advanced - 1/2 credit

Prerequisite: Ceramics II

This is a studio class using different clays, glazes, and alternative clay tools. Students will be encouraged to explore their personal interest in clay and glazes. Students will be expected to finish each piece exploring underglazes, glazes, and stains for exhibition. Independent study and student-initiated research is encouraged. <u>This course is only offered in school years that end with an even number.</u> (Example: 2023-24, 2025-26, etc.)

05162 Digital Design - 1/2 credit

Prerequisites: Digital Video/Animation

This advanced-level course builds upon the concepts learned in Digital Imaging and Digital Video/Animation. Students will learn about the psychology of color and a brief history of graphic arts and gain exposure to Adobe software tools not covered in Digital Imaging and Digital Video/Animation.

05164-1 Textiles & Fibers I: Basic - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisites: none

This is an introductory class that includes a wide variety of techniques including weaving, quilting, and basket construction. Emphasis will be placed upon creating decorative objects that may be used for apparel or home decorations. This course is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

05164-2 Textiles & Fibers II: Intermediate - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Textiles & Fibers I

Students will explore more advanced processes of learned in Textiles and Fibers I, as well as more in-depth concepts in jewelry. Emphasis will be placed on functional decorative design and craftsmanship. <u>This course is only offered in school years that end with an odd number.</u> (Example: 2022-23, 2024-25, etc.)

Course Fee: \$22.00

Course Fee: \$22.00

Course Fee: \$25.00

Course Fee: \$25.00

Course Fee: \$25.00

Course Fee: \$25.00

Course Fee: none

05164-3 Textiles & Fibers III: Advanced - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Textiles & Fibers II

Textiles and Fibers III is for serious students who are willing to do in-depth research and experimentation with fiber and textile media. Emphasis will be placed on independent experimentation and the development of craftsmanship leading to a well-designed and well-made end product. This course is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)

05167 Cell Phone Photography - 1/2 credit

Prerequisite: Digital Imaging

Students will learn about the mechanics and options of cell phone cameras. Students will have a selection of photographs that may be staged, resourced, researched, or taken for weekly evaluation and critiques. They will learn about the origins of photography and study some of the famous photographers. Students will learn about contemporary photography, both art and commercial, and will print a professional photo chosen from their best work. While students can use their Chromebook to take photos for class, please understand that this will be much more difficult than using a cell phone. Therefore, it is recommended that students have a personal cell phone to use for the class

MEDIA ARTS

05162 Digital Design − ½ credit Course Fee: \$25.00

** See entry under Visual Arts

<u>05162 Cell Phone Photography</u> – ½ credit Course Fee: \$25.00

** See entry under Visual Arts

05251 Digital Imaging – ½ credit

Prerequisite: none

In this beginning-level course, students will study the elements of art and the principles of design as they relate to digital art. Students will learn the basic tools and skills of Adobe's Illustrator and Photoshop programs and use them to create and/or design landscapes, abstractions, and various types of self-portraiture. (Cell phone cameras may be utilized for any required photography as long as students have the means and/or proper cables to transfer images to the computer). *Note: This is not a digital photography class*.

<u>05256 Digital Video/Animation</u> – ½ credit

Prerequisite: Digital Imaging

In this intermediate-level course, students will study visual communication as it relates to video and animation. Students will learn a brief history of digital video, basic tools and skills of Adobe's Premiere Pro and After Effects, and use the programs to explore, create, and edit short films, and animations. (Cell phone cameras may be utilized as long as students have the means and/or proper cables to transfer the footage to the computer).

11051 Broadcast Media - 1/2 credit

** See entry under Audio/Video Technology & Film

PHYSICAL, HEALTH, & SAFETY EDUCATION (08-XXX)

PHYSICAL EDUCATION

08001 Physical Education Survey (PES) - 1/4 credit

Prerequisite: none

This semester course is required for all students who have not yet earned ¼ physical education credit. PES encompasses short units of various physical education topics and activities which includes a sampling of the various PE courses that students can take after PES. A change of clothing and proper footwear is required for participation in this course.

08002-1 Team Sports - 1/4 credit

Prerequisite: Physical Education Survey (PES) or 1/4 physical education credit

By emphasizing cooperative skills and leadership skills, this team-oriented course will provide opportunities for students to actively participate in several team sports. Core activities may include volleyball, basketball, flag football, soccer and floor hockey. Through these activities students will develop team strategy skills and tactical awareness. A change of clothing and proper footwear is required for this semester course.

Course Fee: none

08002-2 Competitive Team Sports - 1/4 credit

Prerequisite: Grade 11 status or higher **and** ½ physical education credit

This co-ed course will follow a tournament-style format and is intended for students who have extensive competitive sports experience. This is a physically demanding course which may include basketball, volleyball, soccer, team handball, flag football and Ultimate Frisbee. A change of clothing and proper footwear is required for this semester course.

08004 Recreational Activities - 1/4 credit

Prerequisite: Physical Education Survey (PES) or 1/4 physical education credit

In this semester course students will have the opportunity to become proficient in a variety of individual sports and activities. Core activities may include table tennis, corn hole, badminton, disc golf, archery, sand volleyball, competitive Frisbee, tennis, and other recreational activities. Each of these activities are designed to provide a basis for future leisure time pursuits. Proper footwear is required for participation in this course.

08005 Personal Fitness for Athletes - 1/4 credit

Prerequisite: full participation in at least one OHSAA-sanctioned organization the previous school year; OR

1/4 physical education credit and an approved course application

Using a progression of weightlifting, flexibility, and cardiovascular activities, students will develop and implement rigorous individualized personal fitness plans. This course is designed to meet the more advanced physical education curricular needs for students who participate in athletics by providing them with a more demanding option than a standard physical education course. This semester fitness class will assist students in developing and maintaining an optimum level of physical conditioning. A change of clothing and proper footwear is required for this course.

08014 Physical Education Waiver - 0 credit

NOTE: THIS IS AN ARTIFICIAL COURSE, that students can use during the scheduling process to notify the counselor that they intend to use the Physical Education Waiver option to meet their PE graduation requirement. Refer to the **PE Waiver** section of this Course of Study for detailed information about the requirements of the PE Waiver option. To qualify for the graduation requirement, students must schedule this two (2) times: once in each of two separate school years. In addition, students may not use a combination of a waiver and a class to meet the graduation requirement; it must be either 2 waivers or 2 classes, not one of each.

HEALTH EDUCATION

Students are encouraged to earn one-half credit of health by the end of their sophomore year as part of graduation requirements.

08051 Health - Life Choices - 1/2 credit

Prerequisite: none

This basic health class provides a framework for making healthy decisions. In addition to learning communication and goal-setting skills, students have an opportunity to apply a responsible decision-making model to many lifetime health situations. Topics include mental and emotional health, nutrition, sex education, healthy relationships, addictions, drug, alcohol education, and training in cardiopulmonary resuscitation (CPR) and use of an automatic external defibrillator (AED).

08056 Graduation, Reality, and Dual-Role Skills (GRADS) - 1/2 credit

Prerequisite: student is a parent or a parent-to-be;

[NOTE: enrollment in this course is by counselor recommendation only; contact your counselor to discuss enrollment]
Designed for pregnant teens and/or teen parents (both male and female), topics within GRADS cover a wide range of both health and parenting issues, typically including prenatal and postnatal care, health and well-being of young parents, child development, stress management, and parental/adult roles. The courses may also involve academic assistance, career exploration, and financial management. This course is classified as a GENERAL ELECTIVE course (NOT a health course) and can be taken multiple times for credit.

MILITARY SCIENCE (09-XXX)

The Air Force Junior Reserve Officer Training Corps (AFJROTC) is a program designed to develop citizens of character dedicated to serve their nation and community. Enrollment in the AFJROTC program is open to all young people who are in grades 9-12, physically fit, and United States citizens. Retired Air Force commissioned and noncommissioned officers who are full-time faculty members and employed by Fairborn City Schools teach AFJROTC classes.

Upon satisfactory completion of one year of AFJROTC, students will receive one general elective credit. Each AFJROTC class consists of three components – aerospace science (AS), leadership (LE), and a wellness program. Citizenship and character education, the heart of the curriculum program, is primarily embedded in the leadership education series of courses, while a sense of service and education in science and technology-related aerospace science is primarily found in the aerospace science series of courses. Students will spend two periods per week studying LE material, two periods on AS subject matter, and one period in wellness education, culminating in 120-180 contact hours per year for a single AFJROTC course. In other words, each course will contain a contact time blend of 40% Aerospace Science material, 40% Leadership Education material, and 20% Wellness instruction.

To reinforce what is taught in the classroom, students participate in many outside activities such as field trips to military bases, aerospace facilities and industries, museums, civilian airports, and other areas related to aerospace education. This unit also offers opportunities to participate in extracurricular activities to include drill and ceremonies, leadership activities and academic groups. Additionally, community service projects are a major part of the AFJROTC experience and help instill a sense of civic pride and citizenship.

One full credit (earned through a passing grade overall) in any AFJROTC course can also qualify as one season toward a PE Waiver. No additional credit will be awarded for PE, but completion of this graduation requirement will be noted in the student's record. The Senior AFJROTC Instructor may withdraw an AFJROTC cadet at any time during the academic year with proper cause (failure to meet and maintain all program requirements). This is a last resort and will be preceded with proper documentation, attempts at corrective counseling, and in a manner consistent with school policies and procedures.

Uniforms are required to be worn one day a week, on specified field trips, and on other formal occasions. **Uniforms are loaned to the students at no cost.** However, if the student loses the uniform, or a part of the uniform, then the student will be financially responsible for the cost of its replacement. Uniforms may be exchanged throughout the school year if required sizes change.

Also, <u>students are expected to maintain the Air Force participation and grooming standards</u>. AFJROTC is based on a "do the best you can" policy. <u>There are no minimum requirements for fitness, participation, physical requirements, mental requirements, etc.</u> All students are encouraged to participate in AFJROTC; there is absolutely no stipulation that students need to be interested joining the military after high school, and AFJROTC does <u>not</u> recruit for the military. <u>Fairborn AFJROTC will not turn away any student who is interested in participating; however, <u>Cadets are expected to follow Air Force standards for haircuts, fingernails, jewelry, etc.</u> in order to remain in the program.</u>

GENERAL MILITARY SCIENCE

09003 ROTC Drill - 1/4 credit, full year

Co-requisite: must be concurrently enrolled in an Aerospace Science course

This year-long, skills-based class supplements AFJROTC Aerospace Science classes and is held outside the scope of the standard school day. The course focuses on precision military marching and ceremonial protocols. Some students will have the opportunity to participate in traveling competitive Drill Teams that will perform color guard, armed drill, unarmed drill, and other contests throughout the state as part of the extra-curricular Drill Team. **This class will be graded on a pass/fail basis.**

AIR FORCE

09151 Air Force Jr. ROTC I - 1 credit Course Fee: \$25.00

Uniform Fee: \$15.00 (end of year)

Course Fee: none

Prerequisites: none

This is the first Aerospace Science course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries, beginning with ancient civilizations, then progresses through time to modern day. Leadership Education and Wellness introduces cadets to the AFJROTC program, providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship.

09152 Air Force Jr. ROTC II - 1 credit Course Fee: \$25.00 Uniform Fee: \$15.00 (end of year)

Prerequisite: Aerospace Science I or Instructor's permission

This course is designed to follow the topics learned in Aerospace Science I and is more science-oriented, acquainting the student with the aerospace environment, the human requirements of flight, principles of aircraft flight and principles of navigation. Leadership Education and Wellness stress communications skills and cadet corps activities, with information provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems and personal development.

09153 Air Force Jr. ROTC III - 1 credit Course Fee: \$25.00 Uniform Fee: \$15.00 (end of year)

Prerequisite: Aerospace Science II or concurrent enrollment in Aerospace Science II with Instructor's permission

There will be two subjects explored in the course. One is Cultural Studies that is specifically created for U.S. Army, Marine Corps, Navy and AFJROTC programs. Students will learn world cultures by studying world affairs, regional studies and delving into history, geography, religions, languages, culture, political systems, economics and other significant figures that shaped various regions. The second subject is Exploring Space. This subject is a science course that includes the latest information available in space science and space exploration.

09154 Air Force Jr. ROTC IV - 1 credit Course Fee: \$25.00 Uniform Fee: \$15.00 (end of year)

Prerequisites: Enrollment by Instructor Recommendation only;

Aerospace Science III or concurrent enrollment in Aerospace Science III

This course is structured to the individual needs of selected students. Emphasis is placed on developing leadership abilities. Students are rotated into high-level group staff positions and required to demonstrate management techniques. Course material is selected from professional journals, texts or periodicals about aviation, space, and leadership.

INFORMATION TECHNOLOGY (10-XXX)

Course Fee: none

Course Fee: \$25.00

COMPUTER LITERACY

10004 Computer Applications & Digital Literacy - 1/2 credit

Prerequisite: none

Students will develop skills in computer applications including Microsoft Office and Google Workspace productivity software for school, personal, and business use. Students will complete project-based assignments incorporating word processing, spreadsheets, and presentation applications. Digital literary concepts applicable to school and life skills will also be studied, including file management, email etiquette and organization, and time management using an online calendar application. Computer applications used in this class include: Microsoft Word, Google Docs, Microsoft PowerPoint, Google Slides, Microsoft Excel, Google Sheets, Gmail, and Google Forms.

COMMUNICATION & AUDIO/VISUAL TECHNOLOGY (11-XXX)

AUDIO/VIDEO TECHNOLOGY & FILM

11051 Broadcast Media - 1/2 credit

11051Y Broadcast Media - ½ credit earned in each semester within a school year Course Fee: \$50.00

Prerequisites: Digital Video/Animation (Prerequisite exemption upon teacher and counselor approval)

This semester course builds upon the concepts learned in Digital Imaging and Digital Video/Animation by applying them to communication. Following a brief refresher of Adobe Premiere Pro and Photoshop, students will learn a brief history of broadcast media, and record and edit commercials for school events, create short video clips for various communication functions, and generate the FHS daily video announcements. This course is classified as a VISUAL ARTS course and can be taken multiple times for credit. Students wishing to enroll in 2 semesters should register for 11051Y when scheduling. When the schedule is finalized, the course will show as 2 distinct semester courses, one first semester and one second semester.

JOURNALISM & BROADCASTING

11104 Yearbook - 1 credit Course Fee: none

Prerequisite: Grade status of 10 or higher, Completed & <u>Approved</u> Course Application, and 2.5 GPA Students who enroll in this course are responsible for the publishing, editing and financing of the yearbook. The yearbook records the history of the school year and the people who were involved in the year's activities. First-year Yearbook staff members assist with choosing the theme for the publication, plan the layout of the yearbook, design pages on computers, and solicit advertising. Students with one or more years of successful Yearbook experience are expected to take a leadership role in theme development, layout of the

yearbook, page design on computers, and usually serve as section editors.

BUSINESS & MARKETING (12-XXX)

Course Fee: none

Course Fee: Cost of Workbook

BUSINESS

12052 Foundations of Business - 1/2 credit

Prerequisite: none

This course introduces students to the foundational concepts of business, including the global marketplace, economics, entrepreneurship, forms of business ownership, management principles, the stock market, consumerism, and business career exploration. This course is recommended for students interested in a career in business or entrepreneurship; it lays a foundation for students' future personal and business success.

12104 Accounting - 1 credit

Prerequisite: Algebra I

This is an introductory course in accounting which is the process of keeping financial records for a business. Students will record, classify, verify, summarize, and interpret all types of financial transactions. Accounting concepts including balance sheets, income statements, journalizing, posting and all phases of the accounting cycle are studied. This course is recommended for students who wish to continue their education in a business-related subject or wants to be a business owner. Good daily attendance is necessary to accomplish the course work.

MARKETING MANAGEMENT- GCCC TECH PREP

Marketing is for Fairborn students interested in careers in marketing management, entrepreneurship, and service occupations. Topics covered in the classes include public relations, advertising, sales promotion, and retail management. All marketing students can participate in DECA at district, state, and national levels, *NOTE: A Career-Technical Student Organization fee may be assessed and collected by the Greene County Career Center instructor for these courses. Students who take courses may complete the Career Tech program and may be eligible for the Sinclair Tech Prep Scholarship.

12152 Introduction to Marketing – 1 credit

Fee: *See note in Marketing overview above Prerequisite: none

This course is designed to introduce students to basic marketing concepts. Students will gain an understanding of the importance of marketing in modern society. Students will use real-world business examples associated with current topics in marketing, including the 4 P's: Product, Price, Place, and Promotion.

12162 Digital Marketing - 1 credit

Prerequisite: Grade 12 status or Introduction to Marketing

In this course, students will acquire the knowledge for use in the digital marketing environment. They will learn to apply tools and strategies to communicate digitally with targeted customers. Students will use technology to create and critique online advertising, websites, social media, mobile marketing, and other digital marketing tools.

12056 International Marketing – 1 credit

Prerequisite: Grade 12 status or Introduction to Marketing

The business and marketing environments in countries outside the United States is the focus of this course. Students will explore various cultures, currencies, economies, and legal systems that affect international business decision-making.

12053 Starting a Business - 1 credit

Fee: *See note in Marketing overview above

Fee: *See note in Marketing overview above

Fee: *See note in Marketing overview above

Prerequisite: Grade 12 status or Introduction to Marketing

NOTE: The title of this course has been updated from 12053 Strategic Entrepreneurship which was offered prior to 2022-23; students who have already successfully completed course 12053 Strategic Entrepreneurship are not eligible to enroll in 19053 Starting a Business. Students will learn foundational concepts and skills associated with starting, financing, and managing their own business. Each student will develop a business plan for a start-up small business, integrating entrepreneurial concepts for successfully starting a business such as how to conduct market research, establishing a brand, and business management. Students who complete the course with a C or better and earn a qualifying score on the end-of-course assessment may be eligible to receive postsecondary credit.

PUBLIC, PROTECTIVE, & GOVERNMENT SERVICES (15-XXX)

Course Fee: none

LAW ENFORCEMENT

15054 Introduction to Law Enforcement - 1/2 credit

Prerequisites: none

Intro to Law Enforcement is a course specifically aimed at students interested in learning more about various law enforcement agencies and topics related to the field of law enforcement. This course is strongly recommended for any student who may be interested in applying for the Criminal Justice program at the Greene County Career Center. The course will be taught by staff from the Fairborn Police Department in cooperation with FHS instructors. Students who enroll in this course are responsible for actively participating in hands-on projects, training scenarios and traditional classroom activities. Topics will include a physical fitness component, and may include officer safety, traffic enforcement and crash investigation, the criminal justice system, crime scene processing, corrections and rehabilitation and career options. This course is classified as a general elective course and enrollment is limited.

HOSPITALITY & TOURISM (16-XXX)

RESTAURANT, FOOD, & BEVERAGE SERVICES

16056-1 Global Foods - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Culinary Fundamentals; grade status of 10 or higher recommended

Students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional/cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. *This course is only offered in school years that end with an odd number. (Example: 2022-23, 2024-25, etc.)*

16056-2 Baking and Pastry Arts - 1/2 credit

Prerequisite: Culinary Fundamentals; grade status of 10 or higher strongly recommended

Students will apply food-science principles to prepare and bake breads, desserts, and pastries. They will also use specialized decorating and presentation techniques to decorate cakes, cookies, pastries, and other baked goods. Students will select quality ingredients, determine food costs, and research and develop marketable new recipes and food concepts. Personal safety, food safety, and equipment safety will be emphasized. *This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)*

HUMAN SERVICES (19-XXX)

CHILD & ELDER CARE

19052 Child Development - 1/2 credit

NOTE: This course is not offered in the 2023-2024 academic year.

Prerequisite: Grade status of 10 or higher recommended

In this course, students will study the principles of child growth, development and behavior. An emphasis will be place on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles, and evaluating childcare services. <u>This course is only offered in school years that end with an odd number.</u> (Example: 2022-23, 2024-25, etc.)

FAMILY & CONSUMER SCIENCES

19251 Adult Living - 1/2 credit

Prerequisite: Grade status of 9 or 10 recommended

This is entry-level course in a series that provides students with an overview of four major areas of Family and Consumer Sciences. Students will be introduced to child development, family relationship concepts and how they relate to family dynamics. Students will identify financial literacy and consumer/economic principles, understand the concepts of design through textiles for personal and home use, and develop communication, leadership and career investigation skills. *This course is only offered in school years that end with an even number. (Example: 2023-24, 2025-26, etc.)*

19252 Culinary Fundamentals - 1/2 credit

Prerequisite: none

Students will apply fundamental culinary techniques, such as knife handling skills, and recognize, select and properly use tools and equipment. An emphasis is on time management, ingredients, and equipment, and apply standard recipe conversions using proper scaling and measurement techniques. Students can earn the ServSafe Food Handler Industry Credential by successfully completing this course and passing the assessment.

Course Fee: none

Course Fee: none

Course Fee: none

Lab Fee: \$35.00

Lab Fee: \$35.00

16056 Global Foods - 1/2 credit

Course Fee: none * See entry under Restaurant, Food, & Beverage Services Courses

19262 Personal Financial Literacy - ½ credit

This is a required course for juniors.

Prerequisite: Grade status of 11 or counselor approval

In this practical course, students will learn basic personal finance skills which include budgeting, renting, credit, car leasing/purchasing, paychecks, taxes and different types of insurances. Through project-based instruction, students will also develop skills related to money concepts including checking, saving, investing, interest income, and finance charges. Identity theft, fraud, and consumer rights will also be covered.

08056 Graduation, Reality, and Dual-Role Skills (GRADS) - 1/2 credit

See entry under Health Education

ENGINEERING & TECHNOLOGY (21-XXX)

PROJECT THE LEAD THE WAY: PATHWAY TO ENGINEERING

PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they can use in high school and for the rest of their lives on any career path they take.

PLTW Introduction to Engineering Design (IED) - 1 credit Lab Fee: \$35.00

Prerequisite: none

Required: Scientific or Graphing Calculator

This is the first class in the PLTW Engineering program and teaches problem-solving skills using a design development process. Students will learn how to use Fusion 360 CAD, a state of the art computer-aided-design software package. Students are exposed to different types of engineering drawings and will learn how to use a systematic design process. Each quarter students will complete projects that incorporate CAD and design skills: designing, creating CAD drawings, reengineering an existing product to make it better, and a "start from scratch" team design. Students will be exposed to concepts from geometry, statistics, dimensioning, tolerances and advanced modeling techniques while completing the projects. This course is classified as a general science elective.

PLTW Principles of Engineering (POE) - 1 credit

Prerequisite: PLTW Introduction to Engineering Design

Required: Scientific or Graphing Calculator

POE is a broad-based survey course designed to give students an understanding of the wide variety of careers in engineering. Students will study energy while building and testing simple machines, electric circuits, model solar-powered hydrogen fuel cell cars and insulation for testing. Students will study strength of materials by experimenting with beam deflection, analyze forces on trusses and perform tensile tests on sample materials to explore elasticity and strength. Students will also learn about machine control using a computer program and robotic kits equipped with motors, switches and sensors. In POE, students will be exposed to mechanisms, thermodynamics, fluid systems, electrical systems, control systems, statics, strength of materials and kinematics. This class requires students to learn how to use engineering/mathematical formulas to solve problems. This course is classified as a general science elective.

21023 PLTW Digital Electronics (DE) - 1 credit

Prerequisite: Introduction to Engineering Design, Physics, or Teacher Approval

Required: Scientific or Graphing Calculator

DE is the study of electronic circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices such as cellular telephones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the course is to expose students to the design process of combinational and seguential logic design, teamwork. communication methods, engineering standards and technical documentation. Students will also learn basic programming using microprocessors. This course is classified as a general science elective.

21019 *PLTW Aerospace Engineering (AE)* – 1 credit

Prerequisite: PLTW Principles of Engineering or Teacher Approval.

Required: Scientific or Graphing Calculator

AE explores the evolution of flight, navigation and control, flight fundamentals, aerospace materials, propulsion, space travel and orbital mechanics. In addition, this course presents alternative applications for aerospace engineering concepts. Students analyze, design and build aerospace systems. They apply knowledge gained throughout the course in a final presentation about the future of the industry and their professional goals. This course is classified as a **general science elective course**

Lab Fee: \$35.00

MISCELLANEOUS (22-XXX)

ACADEMIC ENRICHMENT

22005-1 (semester 1) /22005-2 (semester 2) IEP Productive Study – 0 Credit Course Fee: none Students with an Individualized Education Plan (IEP) may request IEP Productive Study. This course offering will provide supervised group study time in a quiet, uninterrupted environment with access to an intervention specialist teacher.

SIX SIGMA SEMINARS (INDUSTRY CREDENTIAL PROGRAM)

Six Sigma is a set of management techniques intended to improve business processes by greatly reducing the probability that an error or defect will occur. Students who successfully complete both Six Sigma courses (Yellow Belt/Leadership & Green Belt) will learn real-life skills that are recognized throughout the business world, manufacturing, and service industries. Students also have the opportunity to qualify for 2 of the 3 state of Ohio graduation requirements (Competency & Readiness). In Ohio, the Yellow Belt Certification counts for 3 industry credential points, Leadership Excellence counts for 3 industry credential points, and Green Belt Certification counts as 6 industry credential points. Together, these meet the 12 points needed for the industry credential COMPETENCY pathway towards graduation. Simultaneously, since the Yellow Belt and Green Belt certification is cross-referenced with the Ohio Means Jobs Readiness Seal students can earn that seal in addition to the Industry-Recognized Credential Seal. These 2 seals together fulfill the READINESS part of Ohio's graduation requirements.

22106-1 Six Sigma Seminar: Yellow Belt & Leadership Excellence - 1/2 credit

Prerequisite: Completed & Approved Course Application for admission into the program*

Six Sigma is a team-based, problem-solving methodology used by millions of businesses and organizations worldwide. Six Sigma follows a structured approach called DMAIC (Define, Measure, Analyze, Improve, Control) in a path toward solutions and gains, commonly in the form of reduced waste or improved quality. By equipping students with this skill, they have a distinct advantage in the workplace. Students learn a structured problem-solving methodology that can be applied both personally and professionally. Additionally, students gain confidence by being part of a team that is improving the lives of either internal or external customers. *See your guidance counselor for additional information about the admission requirements for this class.

<u>Yellow Belt:</u> Yellow Belt or Problem Solving for Team Members. You will develop the skills necessary to be an effective team member when using the DMAIC methodology. You and your team will learn the following: Project Charter, SIPOC, Metrics, Run Charts, Goal Setting, Fishbone Diagrams, Flow Charts, Team Dynamics, Brainstorming, Prioritization Matrix, Checking Results, Lessons Learned, and Standardization.

Student Leadership Excellence Certificate: In addition to a specific skill set, employers are also searching for applicants that bring with them leadership and problem-solving skills. The focus of the Student Leadership Excellence Certificate is to provide participants experiences with a proven structure for breakthrough problem-solving while developing leadership skills at the individual, team, and organizational levels. The Ohio Department of Education (ODE) understands the need to develop a well-trained workforce and has provided high school students the opportunity to earn points toward high school graduation while earning industry recognized credentials. The Student Leadership Excellence Certificate program was developed to meet the need of our younger workforce. Successful students in the course will have honed many of the skills entailed in Strand One of all Ohio Career Field Technical Content Standards and Strand Three of the Business and Administrative Services, Finance and Marketing career field. Additionally, recipients will be addressing "soft skills" referred to in the US Department of Commerce Foundation's report, Bridging the Soft Skills Gap.

22106-2 Six Sigma Seminar: Green Belt - 1/2 credit

Prerequisite: Yellow Belt Certification & Leadership Excellence Certification

This course is a continuation and application of the Six Sigma principles from the Yellow Belt & Leadership Excellence course. <u>Yellow</u> Belt Certification is a required prerequisite for taking the Green Belt course.

<u>Green Belt:</u> Green Belt or Problem Solving for Team Leaders. You will develop the skills necessary to be an effective team leader when using the DMAIC methodology. You and your team will learn the following: Voice of the Customer, Affinity Diagrams, Leading Meetings, Types of Data, Understanding Variation, Data Collection, Hierarchy of Needs, Team Norms, Value Stream Analysis, Scatter Plot Diagrams, Mistake Proofing, 5S, Management Presentations, Visual Controls, and Change Management. Your team must complete, submit for review, and receive project results and approval to become a certified Green Belt.

Course Fee: none

Course Fee: none

CBI (CAREER BASED INTERVENTION)

The CBI program utilizes a combination of in-class educational and on-site experiential learning opportunities to maximize student success. CBI is an intervention program, not a complete career field pathway. The goal of the CBI program is to assist and prepare students for successful high school graduation, additional career-technical education and training, postsecondary education, and/or a meaningful career. The two required components of the CBI program are:

- (1) A 1-credit traditional on-campus class with related instruction which is classified as an elective
- (2) 1 to 4 additional work-based experience credits per year, with a maximum of 10 over 2 years elective credits

22153-1J Diversified Occupations for Juniors – 1 credit 22153-1S Diversified Occupations for Seniors - 1 credit

Prerequisite: Grade 11 status or higher, Completed & Approved Course Application for admission into the CBI program* Co-requisite: Guided Occupational Experience (GOE) must be taken simultaneously with this class Diversified Occupations helps students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. Topics covered: career planning and selection, money management, communication skills, interpersonal business relationships and behaviors, and personal responsibility. Students must also enroll in at least one GOE (work experience) section in order to enroll in this class. This class is a general elective. *See your guidance counselor for additional information about the admission requirements for this class.

22153-2 Guided Occupational Experience (GOE) - 1 to 4 credits per year

Prerequisite: Grade 11 status or higher. Completed & Approved Course Application for admission into the CBI program* Co-requisite: The appropriate Diversified Occupations course must be taken simultaneously with this class GOE is a series of work-related experiences designed to help students improve academic competency, develop foundational workplace and employability skills, and implement a career plan that will serve them on the path to graduation and beyond. On-site experiential learning helps students enter the workforce through career exploration, job search and application, and the development of positive work attitudes and work-related skills. Students must also enroll in Diversified Occupations and meet the eligibility criteria in order to enroll in this class. This class is a general elective. *See your guidance counselor for additional information about the admission requirements for this class.

Course Fee: none

Course Fee: none

STAFF ASSISTANCE - Staff Assistance positions are considered leadership roles within Fairborn High School and provide a service to the school, the district, and the community at large. The positions are voluntary but can provide students with skills that can enhance their preparedness for post-graduate jobs, college, and community service. Additional information is outlined on the paper application; please contact your counselor for an application or for more information:

- Students must complete and submit a PAPER APPLICATION to their counselor by the posted deadline; scheduling priority will be given to upperclassmen.
- Students who wish to be selected as an Aide for a full-year should request both parts (semester 1 and semester 2).
- Students who wish to serve for one semester should select their preference of semester: while noted on the schedule requests. there is no guarantee of a placement in the selected semester.
- A limited number of Aide positions is available; A request and/or application is not a guarantee that a student will be selected to serve as an Aide.
- When requesting courses for 2023-2024, students can request an Aide position as an "alternate course" to an elective course, provided the student maintains a minimum number of required classes per semester and is on-track to complete graduation requirements.
- Students may not serve as an Aide for more than 1 period each semester.
- Students will be scheduled into a standard study hall until their application is approved by the principal (unless the student specifically requests an alternate elective course). If students are not approved, or if the limited number of Aide positions are filled, then the student will remain in study hall.
- Students not maintaining the eligibility criteria listed on the paper application may be removed from the Aide position and returned to study hall at any time.

22051-1 (semester 1) / **22051-2** (semester 2) Office Aide – 0 Credit

Course Fee: none Prerequisite: Paper Application submitted to Guidance Office by 2023-2024 posted deadline. Principal Approval is required. The Office Aide course provides students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and duplicating, among others. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.

22052-1 (semester 1) / **22052-2** (semester 2) Guidance Aide – 0 Credit

Prerequisite: Paper Application submitted to Guidance Office by 2023-2024 posted deadline. Principal Approval is required. The Guidance Aide course provides students with the opportunity to work in the campus guidance office. Duties may include typing, filing, record-keeping, assisting students, answering the telephone, and duplicating, among others. Students may also act as guides to new students. These courses emphasize appropriate work attitudes, human relations, and proper office procedures.

22053-1 (semester 1) / **22053-2** (semester 2) Library/Media Center Aide – 0 Credit

Prerequisite: Paper Application submitted to Guidance Office by 2023-2024 posted deadline. Principal Approval is required. The Library/Media Center Aide course provides students with the opportunity to work in the library/media center. Duties may include collecting, distributing, and categorizing materials; operating audiovisual equipment; assisting students and teachers; and performing clerical duties. Students typically gain experience in library science and/or media and audiovisual technology.

22995-1 (semester 1) / **22995-2** (semester 2) Teacher Aide - 0 Credit

Course Fee: none Prerequisite: Paper Application submitted to Guidance Office by 2023-2024 posted deadline. Principal Approval is required. Miscellaneous Teacher Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other

SCHOOL ORGANIZATION & LEADERSHIP

Fairborn High School is committed to providing incoming freshman with a support system to help ease the transition into high school and learn what it means to be a Skyhawk by way of the Freshmen Focus program. The program utilizes the talents and strengths of upperclassmen who serve as peer-leaders along with the Focus teachers. Focus classes will not figure into GPA calculations nor will it count toward athletic eligibility or CCP credit hours.

22101 Focus Leadership - 1/2 credit, Pass/fail

Prerequisites:

- 1. Junior or Senior Standing
- 2. Completed Course Application and Approval of Administration
- 3. Required attendance at a 2-day Focus Leader training session in summer
- 4. Required attendance at the 2-day Freshman Focus camp session in summer

This full-year enrichment course is limited to juniors and seniors who meet the enrollment criteria and who are selected/approved as Focus Leaders. Students applying for this course are expected to make a commitment to the Focus program for the entire school year and must be available (in attendance) during scheduled Advisory periods. Focus Leaders play an integral role in planning and coordinating Freshman Focus classes, actively mentoring and championing freshman students, and acting as positive role models for students at all grade levels. Focus Leadership is scheduled during an advisory period, and therefore it should not interfere with other scheduled courses.

22102 Freshmen Focus - ½ credit, Pass/fail

Prerequisite: none

This full-year enrichment course is required for all 9th grade students who are entering high school for the first time.

Freshman Focus class includes several components that will help individuals adapt to high school: orientation activities, values assessments, conflict resolution, how-to sessions, spirit activities, study skills, personality and learning style assessments, academic and career exploration, extra-curricular and co-curricular opportunities, just to name a few. Freshmen Focus is scheduled during the advisory period, and therefore it will not interfere with other scheduled courses. Students are expected to attend a 2-day orientation camp in the summer.

DATA SCIENCE

22161 Data Science Foundations - 1 credit

See entry under Mathematics

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: none

WORLD LANGUAGES (24-XXX)

Although world language is not a requirement for graduation, most four-year colleges and universities require students to complete at least two years of the same world language. A minimum of three years of one world language or two years of two world languages is required for an Academic Honors Diploma. The State of Ohio now requires students to utilize the target language while in class and to use as many authentic sources as possible. Fairborn's World Language department endeavors to teach students in the target language to better prepare them for the future in accordance with Ohio Department of Education and the American Council on the Teaching of Foreign Languages recommendations.

Alignment of FHS & CCP World Languages Courses

| <u>Level</u> | FHS Course | CCP Course |
|--------------|---------------|-------------------|
| 1 | ASL 1 (year) | ASL 1111s* (sem1) |
| 2 | ASL 2 (year) | ASL 1112s* (sem2) |
| 3 | ASL 3* (year) | ASL 1228s* (sem1) |
| 4 | ASL 4* (year) | ASL 1229s* (sem2) |

| Level | FHS Course | CCP Course |
|-------|-------------------|-------------------|
| 1 | Spanish 1 (year) | |
| 2 | Spanish 2 (year) | |
| 3 | Spanish 3* (year) | SPA 1101s* (sem1) |
| 4 | Spanish 4* (year) | SPA 1102s* (sem2) |

^{*}denotes an Honors course classification

American Sign Language:

CCP content strongly aligns with the high school course content, but students must learn the material and develop skills in half the instructional time. Students are cautioned to consider this, as well as the other standard CCP factors, when deciding to enroll in the FHS course or the CCP course.

Spanish:

There are CCP entry (i.e. prerequisite) requirements for SPA 1101s & 1102s, which include prior experience in English and Spanish. CCP content strongly aligns with the high school course, but students must learn the material and skills in half the instructional time. Students are cautioned to consider this, as well as the other standard CCP factors, when deciding to enroll.

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: none

College Credit Hours: 4

High School Credit: 1

SPANISH

24052 Spanish I - 1 credit

Prerequisite: Final grade of C or higher in ELA is required for incoming 9th graders

Spanish I introduces students to the fundamentals of the language and the culture and geography of Spain and Latin-American nations. A communicative approach is utilized to prepare the students for the future in a world where Spanish is becoming a much more important part of the United States. Students will engage in different activities utilizing the language while acquiring grammar, vocabulary, reading, writing, speaking, and listening skills.

24053 Spanish II - 1 credit

Prerequisite: successful completion of Spanish I with a C average or higher recommended

Spanish II is an in-depth review and continuation of Spanish I utilizing the target language. Emphasis is placed on the study of expanded vocabulary, grammar, conversation skills, reading and writing skills. The course includes more complex studies in Spanish and Latin American history and culture, but emphasis continues to be in oral and written work.

24054 Spanish III - Honors - 1 credit

Prerequisite: Spanish II (with a B average or higher recommended)

Spanish III is an intensive study of written and spoken Spanish whereby the target language will be used. Continued emphasis is placed on the study of expanded vocabulary, advanced grammar, conversation skills, reading and writing skills. Students read longer selections, study the history and culture of Spain and Latin America and give oral presentations.

24055 Spanish IV - Honors - 1 credit

Prerequisite: Spanish III or SPA 1101s (with a B average or higher recommended)

Spanish IV is a continuation of Spanish III. Emphasis is placed on the study of advanced grammar, culture, and literature. Students continue to improve their skills in written and spoken Spanish. Students will have presentations, independent studies and research papers to complete as well as projects. As in the other three levels, this class will utilize the target language.

SPA 1101s - Elementary Spanish I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: Spanish

Prerequisite: Spanish II and Acceptance into Sinclair CCP program; Webcape assessment may be required This course provides a foundation for understanding, speaking, reading, and writing Spanish. Work outside of

class and/or in the language laboratory is required. Students will engage in exchanges in culturally appropriate ways on familiar topics using contextualized words, phrases, a few common idiomatic expressions, and simple sentences in highly practiced situations. They will also write basic information on familiar topics using highly practiced words, phrases, and simple sentences, and demonstrate understanding of the main idea, as well as a few details, cognates, and idiomatic and formulaic expressions, in a variety of oral texts and media. Students will be expected to make simple presentations in class. This course is open only to students who are accepted into the Sinclair CCP program.



SPA1102s – Elementary Spanish II – (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: Spanish

Prerequisite: SPA 1101s; students who have completed Spanish III may be enrolled if approved by Sinclair and upon

successful completion of the Webcape test.



This course provides a foundation for understanding, speaking, reading, and writing Spanish. Work outside of class and/or in the language laboratory is required. Students will demonstrate an understanding of basic aspects of Hispanic culture in reading, writing, speaking, and listening. These might include basic geography, formal and informal address situations, housing, schedules, meals, education, student life and basic business situations. Objectives include using grammatical features (future, modal, past tense and compound verbs; object pronouns; and common idiomatic expressions), listening comprehension in authentic contexts, and discussing topics within the scope of the student's language experience. Students will read short new materials, extract specific information, and produce writings at the paragraph level. This course is open only to students who are accepted into the Sinclair CCP program.

College Credit Hours: 4

High School Credit:

Course Fee: none

Course Fee: none

Course Fee: none

Course Fee: none

AMERICAN SIGN LANGUAGE

24852 American Sign Language (ASL) 1 - 1 credit

Prerequisite: none

This course is the first in a series of courses designed to develop the skills and knowledge needed to communicate in American Sign Language. *ASL 1* is an introductory-level course providing a foundation for non-signers to study American Sign Language (ASL) and learn about deaf culture. The course establishes a novice range of communication skills. Students will appropriately use ASL grammatical features including questions, statements, spatial agreement, and spatial mapping. They will recognize the Deaf community as a distinct, cultural entity within American Culture, with its own history and language. Students will develop basic American Sign Language vocabulary, fingerspelling, and numbering skills. The course requires student participation in skills development.

24853 American Sign Language (ASL) 2 - 1 credit

Prerequisite: ASL 1 or ASL 1111s (with a C average or higher recommended)

This course is designed to build on the skills learned in ASL 1. ASL 2 is a novice-high to intermediate level course in which students will continue to develop basic American Sign Language vocabulary, fingerspelling, and numbering skills, appropriately use ASL grammatical features including questions, statements, spatial agreement, and spatial mapping. They will recognize the Deaf community as a distinct, cultural entity within American Culture with its own history and language. Students must have receptive and expressive understanding of ASL. This course requires student participation in skills development.

24854 American Sign Language (ASL) 3 - 1 credit

Prerequisite: ASL 2 or ASL 1112s

This course is the third in a series of courses designed to advance the skills and knowledge needed to communicate in American Sign Language. *ASL 3* develops a novice-high range of communication skills with the ability to expand discourse on a variety of topics. This course emphasizes the cultural practices distinct to those that approach the world from a visual perspective. Topics include: analysis of local, national, and global issues; examination of cultural norms, attitudes, and values of Deaf people; linguistic minority groups and access to society.

24855 American Sign Language (ASL) 4 - 1 credit

Prerequisite: ASL 3 or ASL 1228s

This course is the fourth in a series of courses designed to advance the skills and knowledge needed to communicate in American Sign Language. *ASL 4* develops a novice-high to intermediate range of communication skills with the ability to convey information, concepts, and ideas in ASL on a variety of topics. This course emphasizes articulating the cultural practices and products distinct to those that approach the world from a visual perspective. Topics include: analysis of a linguistic, political, or social issue; examination of products of Deaf culture; and, exploration of career pathways.

ASL 1111s - Beginning American Sign Language I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: American Sign Language

Prerequisite: Acceptance into Sinclair CCP program

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 course is open only to students who are accepted into the Sinclair CCP program.



ASL 1112s - Beginning American Sign Language II - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts. Communication and Social Sciences

Department: American Sign Language

Prerequisite: ASL 1111s and Eng1101s or its equivalent -OR- ASL1 if approved by Sinclair and upon successful

completion of the Webcape test.

College Credit Hours: 3

College Credit Hours: 3

College Credit Hours: 3

College Credit Hours: 3

High School Credit:

High School Credit:

High School Credit:

High School Credit:



In this course, students will continue to study American Sign Language (ASL) grammatical structure, vocabulary, fingerspelling, use of signing space, conversational regulators, and introductory aspects of deaf culture. Course objectives include developing basic American Sign Language vocabulary, fingerspelling, and numbering skills, appropriately use ASL grammatical features including questions, statements, spatial agreement, and spatial mapping, as well as recognizing the Deaf community as a distinct, cultural entity within American Culture, with its own history and language. This course is open only to students who are accepted into the Sinclair CCP program.



ASL 1228s - Intermediate American Sign Language I - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: American Sign Language

Prerequisite: ASL 1112s or



Fairborn High School's ASL2 if approved by Sinclair and upon successful completion of the Webcape test. Students will learn how to 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. Course objectives include using the appropriately complex grammatical functions of classifiers, temporal aspect, number systems, inflected verbs and role shifting, developing the appropriate usage of syntactical and grammatical rules regarding ASL, and identifying different cultural information about the Deaf community. This course is open only to students who are accepted into the Sinclair CCP program.



ASL 1229s - Intermediate American Sign Language II - (semester course)

Institution: Sinclair Community College

Division: Liberal Arts, Communication and Social Sciences

Department: American Sign Language

Prerequisite: ASL 1228s or



Fairborn High School's ASL3 if approved by Sinclair and upon successful completion of the Webcape test. In this course, students will expand their ability to express abstract concepts in ASL and further develop vocabulary as well as receptive and expressive fluency. Students will read and discuss topics related to deaf culture. Deaf community interaction is required. Course objectives include increasing proficiency with ASL vocabulary, demonstrating basic conversational skills and use of appropriate ASL vocabulary, fingerspelling, and numbers, and increasing the ability to use the appropriate syntax and grammar of ASL. Students will learn to communicate/actively interact with members of the Deaf community on a wide range of topics in culturally appropriate ways, use appropriate turn-taking techniques, and conform to cultural behaviors. This course is open only to students who are accepted into the Sinclair CCP program.

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IMPORTANT NOTE ABOUT ADDITIONAL CLASS OPTIONS:

See your counselor for information about new courses that may have been added (including CCP courses offered at FHS) after the printing of this Program of Study.

| NOTES: | | | | |
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