

Fairless High School

Programs of Study

2025-2026



MISSION STATEMENT



VISION STATEMENT

Fairless is the community where families want to learn, live, work, and grow

Learning - Ensure engaging, relevant, and rigorous educational opportunities where all become expert learners.

Culture & Climate - Ensure a culture where all are safe, supported, and successful.

Experience - Provide a positive experience where all feel valued.

Communication - Provide clear and consistent two-way communication in which all remain informed and have a voice.

Resources - Ensure responsible and transparent use of the community's resources to provide an exceptional education for all.

FAIRLESS HIGH SCHOOL MANTRA

Soaring to EXCELLENCE!

Board approved Dec. 20, 2022.

Fairless High School
11885 Navarre Road SW
Navarre, OH 44662
330-767-3444

The Fairless School District is an equal opportunity educational institution. Courses, services and activities are offered without regard to race, color, national origin, sex or handicap.

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FAIRLESS HIGH SCHOOL PROGRAMS OF STUDY 2025-26

While attending Fairless High School, you will be making necessary preparations for your future. You will decide if you will attend college, pursue a trade, join the military, or enter the workforce. It is critical that you select your courses in a way that prepares you for your goals upon graduation.

To assist this process, Fairless High School has prepared this Programs of Study. Included is a brief description of each course offered and information related to the sequential planning of your high school years. You and your family are urged to talk with teachers, school counselors, and administrators as you develop your schedule.

Curriculum revision is constant and changes may occur between the time you receive this booklet and graduation. Your teachers and school counselors will inform you of any changes that could affect your plans.

Personnel and programming decisions are made each year based upon student requests. It is therefore important to make thoughtful and appropriate selections. Registering for a course with the assumption that it can be changed should you not like it, is discouraged. Registration should be a result of combined input from the student, parents, teachers, and guidance counselors. There are very few occasions in which the student will be permitted to drop a class once the course has started. Schedule changes will be discouraged unless a student needs a course for graduation or to meet an approved pathway. Course changes will not be made by the students for the reason of teacher preference.

Fairless High School Administration

Mr. Chad Merritt	Principal
Dr. Tammy Zalesinsky	Asst. Principal
Mr. Zach Michel	Athletic Director

Fairless High School Counseling Staff

Mr. Phil Glasgow	School Counselor
Mrs. Aarika Vasiliades	School Counselor

Fairless Local Schools Administration

Mr. Michael Hearn	Superintendent
Mrs. Julie Weyandt	Director of Curriculum
Mrs. Jamie Askren	Director of Special Education
Mr. Mark Phillips	Treasurer

Fairless Local Schools Board of Education

Mrs. Hope Hill	Board of Education
Mr. Justin Henry	Board of Education
Mr. Ken Killian	Board of Education
Dr. Jody Seward	Board of Education
Mr. Charlie Snyder	Board of Education

FHS GRADUATION REQUIREMENTS

The requirements for graduation from high school include earning 22 units of credit in grades nine through twelve as identified below. No student, however, shall be required to remain in school for any specific number of semesters or other terms if the student completes the required curriculum according to the early graduation policy.

FHS Graduation Requirements	
Subject	Credits Required
Health--1 semester	0.5
Physical Education--2 semesters	0.5
English	4
An Introductory Physical Science	1
Biology	1
Advanced Science Elective	1
A world history course	1
American History	1
American Government and Economics	1
Algebra 1	1
Geometry	1
Algebra II or equivalent	1
Math Elective	1
Fine Arts*	1
Electives	5.5
Financial Literacy	0.5
Total Credit	22

All required core courses are 1.0 credit unless otherwise noted.

*Students must also complete at least 2 semesters of fine arts, taken any time, in Grades 9-12. Students following a career-technical pathway, are exempted from the fine arts requirement.

The Fairless Board of Education has discontinued the Physical Education Waiver Option starting with the class of 2025.

In addition to the above credit requirements, all other State requirements for graduation must be met, including state mandated testing.



FAIRLESS HIGH SCHOOL

PATHWAY TO GRADUATION

STEP 1: Earn 22 Credits

- 4 credits of Math including Algebra 2 or its equivalent
- 4 credits of English Language Arts (ELA)
- 3 credits of Science including 1 advanced unit
- 3 credits of Social Studies
- 1 credits of Visual or Performing Arts
- 0.5 credit of Health
- 0.5 credit of Financial Literacy
- 0.5 credits of Physical Education which is 2 semesters of 0.25 credits each
- 5.5 credits of electives or additional credits of any of the above beyond the minimum required

STEP 2 Graduation Requirement– Show Competency

Must complete **one** of the following options:

Option 1: **Earn a Competency Score**

- o Earn a passing score (684) on Ohio's Algebra 1 and ELA 2 tests
- o Earn credit for one college-level high school Algebra 1 and ELA 2 tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Option 2: **College Credit Plus**

- o Math and/or college- level English course through Ohio's College Credit Plus Program.

Option 3: **Industry Credential Demonstrate Two Career-Focused Activities**

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

- 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 4: **Military Readiness**

- o Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

STEP 3a Graduation Requirement – Earn an Ohio State Seal

Starting in 2023, students also need to earn **two** seals. At least one of the two seals must be selected from the Ohio Seals list.

o **Science Seal**

- § Proficient on Biology EOC Exam (700)
- § Earn a final course grade equivalent to a “B” or higher in an Advanced Science course (Aviation 2, Chemistry, Physics, etc.)
- § “B” or higher in a qualifying CCP course

o **Citizenship Seal**

- § Proficient on American History and Government EOC Exam (700)
- § Earn a final course grade equivalent to a “B” or higher in American History and American Government
- § “B” or higher in qualifying CCP courses

o **Military Enlistment Seal**

- § Provide evidence of enlistment into the military

o **Industry-Recognized Credential Seal**

- § Earn **12 points** of industry-recognized credential that is aligned to a job that is determined to be “in-demand” in this state
- § Earn a group of credentials totaling **12 points** in a **single** career field
- § Obtaining a state-issued license for a practice in a vocation that requires an examination

o **OhioMeansJobs Readiness Seal**

- § Show aptitude in **15 professional skills**, as endorsed by three mentors
 - CCP Student Success Skills qualifies for this Seal

o **Technology Seal**

- § “2” or higher AP Score
- § “B” or higher in a qualifying CCP course
- § Completing a local courses listed below:
 - Aviation 3, Aviation 4, or Media 1
 - R. G. Drage Students will automatically earn the Technology Seal through participation in their program.

o **State Seal of Biliteracy**

- § Students must show proficiency in English and high levels of proficiency in a second language (must take approved tests; ex: AP)

o **Honors Diploma Seal**

- § Earn any of Ohio’s Honors Diplomas

o **College-Ready Seal**

- § Earn a remediation-free score on the ACT (English=18+, Reading =22+ and Math= 22+)

STEP 3b Graduation Requirement: Earn a Local Seal

Fairless Local Schools District Seals: One of the two seals may be a local seal.

Community Service Seal

Complete **10 hours** of community service over the course of the four years of high school

Fine Arts Seal

Earn **2 credits** in Fine Art courses or participate in 2 seasons of Silver Wings/Falcon Playhouse.

Student Engagement Seal

Complete **two** sessions of a club/sport/activity. R. G. Drage Students will automatically earn the Student Engagement Seal through participation in their program.

Graduation Testing Requirements By Course

End of Course State Required Test	Course Taken	Competency or Seal?
Algebra 1	Algebra 1 or CCP Algebra	Competency (684 or higher)
English Language Arts 2	English 10 or College Writing or College Comp	Competency (684 or higher)
Geometry	Geometry	Neither
Biology	Biology or CCP Life Science or CCP Biology course	Seal (700 or higher)
American History	American History or CCP US History	Seal (700 or higher) co-requisite
Government	CCP American Politics or high school Government	Seal (700 or higher) co-requisite

College and Career Readiness Tests

The Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT)- Grades 10, 11

The PSAT/NMSQT will be administered to all interested sophomores and juniors, in October each year. The PSAT includes questions designed to measure verbal reasoning skills, critical reading skills, math problem-solving skills, and writing skills. Students will be permitted to use any four-function, scientific, or graphing calculator on the test. The PSAT serves two purposes: 1) to provide practice for the SAT, and 2) to enable juniors to compete for scholastic recognition and financial awards through the scholarship program administered by the National Merit Scholarship Corporation. Students register for the PSAT in the guidance office. A fee of approximately \$18 must be paid at the time of registration.

The American College Test (ACT)

The American College Test is used for admission and placement by all Ohio colleges and universities. Most colleges and universities outside Ohio also accept the ACT. The test consists of four sub-test: English (45 minutes in length); mathematics (60 minutes in length); reading comprehension (35 minutes in length); and science reasoning (35 minutes in length). Students are permitted to use calculators on the mathematics test. An interest inventory is completed at the time of registration. Results of the test and interest inventory assist students with their educational and career planning. Ohio law requires that Fairless Local offer the ACT to all juniors. Fairless Local, will additionally offer the ACT to all sophomores. Students may want to consider retesting through nationally scheduled ACT dates. New ACT guidelines allow for students to retest in individual sections. Seniors must have taken the ACT to be considered for the Ohio Academic Scholarship. Registration packets are available in the guidance office or register online at www.act.org.

The Scholastic Assessment Tests (SAT)

SAT I: Reasoning Test and SAT II: Subject Tests

The Scholastic Assessment Tests are used by many colleges for admission. All colleges in Ohio accept these tests for admission and placement. Many selective colleges outside Ohio require the SAT. Students must be sure to check college or university catalogs for testing requirements for the schools they are considering.

The SAT I includes verbal reasoning sections, with emphasis on critical reading, including a double passage with different points of view and questions that measure vocabulary in context. Antonyms are no longer included. The mathematical reasoning sections have questions that require students to produce their own responses. Students are permitted to use calculators. There is emphasis on interpretation of data and applied mathematics.

OHIO HIGH SCHOOL DIPLOMA PATHWAY

Type of Course	Freshmen Year Course Options	Sophomore Year Course Options	Junior Year Course Options	Senior Year Course Options	Requirements for Graduation with a Regular Diploma
English	English 9	English 10* Score of 684 or higher required for graduation	English 11	English 12	4 Credits English
English CCP options			CCP College Writing & CCP Research Options, AP Literature and Composition	CCP American and British Literature, AP Language and Composition	
Math Typical Pathway	Algebra 1 or Geometry**Both are State tested, Score of 684+ required for graduation in Algebra 1	Geometry*State Tested, Algebra 2 or Mathematical Modeling and Reasoning (MMR)	Algebra 2, MMR, or PreCalculus	Discrete Math with Computer Science OR PreCalculus	4 Credits Math
Math CCP			Algebra for Calculus & Trigonometry	Intro to Stats and/or Calculus and Analytical Geometry	
Social Studies	Government*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	American History*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	World History	Psychology and/or World Geography	3 Credits Social Studies
Social Studies AP and CCP	CCP American Politics and Microeconomics (*State Govt test)	CCP US History*State test required or AP US History	AP World History, CCP General Psychology, Intro to Sociology,	CCP Cultural Diversity, Human Growth & Development, Dynamics of the Family	
Type of Course	Freshmen Year Course Options	Sophomore Year Course Options	Junior Year Course Options	Senior Year Course Options	Requirements for Graduation with a Regular Diploma
Science	Physical Science or Aviation Science 1	Biology*State Tested (score 700+ = Science Seal) Aviation Science 2 (B or higher earns a Science Seal)	Chemistry or Aviation Science 3	Physics or Aviation Science 4	3 Credits of Science
CCP and AP Science			CCP Astronomy, CCP Biology 1 or 2, OR AP Environmental Science, or Language and Science of Medicine (HS credit only)	CCP Astronomy, CCP Biology I or II, OR AP Environmental Science, or Language and Science of Medicine (HS credit only)	
Physical Education and Health	PE 9 and Health	PE 10	Weight Lifting and Sports Nutrition	Sports Officiating*Earns points toward an industry recognized credential	2 semesters or 0.50 credit of PE and 0.50 credit of Health required
Fine Arts	Art 1 (0.50 credit), Symphonic Band, or Chorale	Art 2 (0.50 credit), Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 3--Accelerated Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 4--Advanced Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	1.0 credit of Fine Art is required unless a career-tech pathway is pursued
AP Courses				AP Music Theory	
Family Consumer Science Electives	Principles of Food	Food Science	Financial Literacy* Required	Any FCS Elective	0.5 Credits of Financial Literacy
	Culinary Fundamentals	Global Foods	Child Development	Any FCS Elective	
World Language Electives	Spanish 1	Spanish 2	Spanish 3	AP Spanish, CCP Elementary Spanish 1 and 2	
Media Electives	Media 1*Technology Seal	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	
College and Career Electives	Unlocking Potential	ACT Review or State Test Review	College and Career Horizons (Portfolio Development) *Part of the Honors Diploma Seal	Work Based Learning, STEM Research Project, Field Experience*Part of the Honors Diploma Seal	5.5 credits of Electives are required
CCP College and Career Electives	College and Career Success Skills*Ohio Means Jobs Readiness	CCP Comp Apps for Professionals	CCP Effective Speaking	CCP Ethics	

	Seal				
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DIPLOMA WITH HONORS REQUIREMENTS

New Honors Diploma Requirements

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

Students must meet **all but one** of the following criteria. Each of these criteria go beyond the [standard requirements for a diploma for the classes of 2023 and beyond](#). **Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas.** Students may replace one requirement of either 4, 5 or 6 with a "Student Strength Demonstration." The [previous requirements](#) to earn an honors diploma are also available for students in the classes of 2024-2025.

Academic, STEM, Arts, and Social Studies Honors Diploma Requirements

	Requirements in Addition to the State Minimum
1 Math	Fourth math must be > Algebra 2
2 Science	One additional unit Advanced Science
3 Electives*	Academic Honors = One additional unit Social Studies STEM = 2 STEM electives Arts = 5 additional Fine Arts Courses over the minimum 1 unit Social Science and Civic Engagement = 2 additional social science electives

4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
5 GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
7 Seal Requirement	<p>Earn two additional diploma seals, not including Honors Diploma Seal</p> <p>STEM = one of the additional seals must be either an industry-recognized credential seal or the technology seal</p> <p>Arts = 2 additional seals of which one must be the Fine Arts Seal (local seal)</p> <p>Social Sciences = one of the additional 2 seals must be the Citizenship Seal</p>
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning.

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the **ACT/SAT, GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

OPTIONS for the Strength Demonstration Replacement

(Courses or experiences should be in the area of the Honors Diploma if it is a STEM, Arts, or Civic Engagement Honors Diploma)

[College Credit Plus](#): 12 total College Credit Plus credit hours

[Advanced Placement](#): three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide](#) (CTAG): 12 total credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50 or above on the ASVAB

[Work-Based Learning](#): 250 total hours of work-based learning

Additional Information on Honors Diploma Requirements

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the coursework requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

MATH requirements for the Honors Diploma:

Students must take algebra 1, geometry, algebra 2 (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

SCIENCE requirements for the Honors Diploma:

Advanced science courses contain rigorous content appropriate for grades 11 and 12. An advanced science course builds on the concepts and skills developed in the physical science and biology courses detailed in Ohio's Learning Standards for Science.

Appropriate advanced science courses include:

Chemistry, physics or other physical sciences;

Advanced biology or other life sciences;

Astronomy;

Physical geology or other Earth or space science; and

Advanced Placement (AP) or International Baccalaureate (IB) Earth, life or physical science courses.

SOCIAL STUDIES requirements for the Honors Diploma:

Students may get credit for both an American history course and/or the Advanced Placement, International Baccalaureate or a College Credit Plus American history course. This also applies for modern world history courses and American government courses.

WORLD LANGUAGE requirements for the Honors Diploma:

Only credits from courses that are sequential, and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. College Credit Plus courses must continue - not repeat - the learning sequence already completed. High school levels I and II need to be followed by a second level College Credit Plus course minimally to continue the proficiency growth sequence.

If a student opts to complete this criterion by taking **two units each of two world languages studied**, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

GPA for the Honors Diploma:

GPA's must be calculated on an unweighted 4.0 scale.

ACT AND SAT SCORE REQUIREMENTS for the Honors Diploma:

Students must have scores of 27 or higher on the ACT or 1280 or higher on the SAT or their equivalents on previous or future versions of the tests. The ACT writing and SAT essay sections are not included. Students can use a superscore on the ACT or SAT to meet the requirement scores.

SEALS for the Honors diploma:

Students must earn two additional [diploma seals](#) beyond the required two for graduation. The Honors Diploma Seal cannot be used towards the additional two diploma seals. In total, students are required to earn four diploma seals, not including an Honors Diploma Seal.

EXPERIENTIAL LEARNING OPTIONS for the Honors Diploma:

Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning.

FIELD EXPERIENCE for the Honors Diploma:

To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience](#) .

PORTFOLIO for the Honors Diploma:

Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts. [Click here for more detailed guidance on the portfolio criterion](#) .

OHIOMEANSJOBS READINESS SEAL for the Honors Diploma:

To earn the [OhioMeansJobs-Readiness Seal](#), motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it can not count as one of their additional seals earned.

WORK-BASED LEARNING for the Honors Diploma:

[Work-based learning](#) experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.

Type of Course	Freshmen Year Course Options	Sophomore Year Course Options	Junior Year Course Options	Senior Year Course Options	Requirements for Graduation with a Regular Diploma	Graduation Requirements for an Academic Honors Diploma	Graduation Requirements for a STEM Honors Diploma	Graduation Requirements for an Arts Honors Diploma	Graduation Requirements for a Social Studies Honors Diploma
English	English 9	English 10* Score of 684 or higher required for graduation	English 11	English 12	4 Credits English	4 Credits English	4 Credits English	4 Credits English	4 Credits English
English CCP options			CCP College Writing & CCP Research Options, AP Literature and Composition	CCP American and British Literature, AP Language and Composition					
Math Typical Pathway	Algebra 1 or Geometry**Both are State tested, Score of 684+ required for graduation in Algebra 1	Geometry*State Tested, Algebra 2 or Mathematical Modeling and Reasoning (MMR)	Algebra 2, MMR, or PreCalculus	Discrete Math with Computer Science OR Pre-Calculus	4 Credits Math	4 Credits Math	4 Credits Math	4 Credits Math	4 Credits Math
Math CCP			Algebra for Calculus & Trigonometry	Intro to Stats and/or Calculus and Analytical Geometry					
Social Studies	Government*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	American History*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	World History	Psychology and/or World Geography	3 Credits Social Studies	4 Credits Social Studies	3 Credits Social Studies	3 Credits Social Studies	5 Credits Social Studies + Citizenship Seal
Social Studies AP and CCP	CCP American Politics and Microeconomics (*State Govt test)	CCP US History*State test required or AP US History	AP World History, CCP General Psychology, Intro to Sociology,	CCP Cultural Diversity, Human Growth & Development, Dynamics of the Family					
Science	Physical Science or Aviation Science 1	Biology*State Tested (score 700+ = Science Seal) and Aviation 2 (grade of B or better earns Science Seal)	Chemistry or Aviation Science 3	Physics or Aviation Science 4	3 Credits of Science	4 Credits of Science	4 Credits of Science and 2 STEM Electives + either Industry Credential OR Technology Seal	3 Credits of Science	3 Credits of Science
CCP and AP Science			CCP Astronomy, CCP Biology 1 or II, OR AP Environmental Science, or Language and Science of Medicine	CCP Astronomy, CCP Biology I or II, OR AP Environmental Science, or Language and Science of Medicine (online not for college credit)					
Physical Education and Health	PE 9 and Health	PE 10	Weight Lifting and Sports Nutrition	Sports Officiating*Earns points toward an industry recognized credential	2 semesters or 0.50 credit of PE and 0.50 credit of Health required	2 semesters or 0.50 credit of PE and 0.50 credit of Health required	2 semesters or 0.50 credit of PE and 0.50 credit of Health required	2 semesters or 0.50 credit of PE and 0.50 credit of Health required	2 semesters or 0.50 credit of PE and 0.50 credit of Health required
Fine Arts	Art 1 (0.50 credit), Symphonic Band, or Chorale	Art 2 (0.50 credit), Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 3--Accelerated Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 4--Advanced Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	1.0 credit of Fine Art is required unless a career-tech pathway is pursued	1.0 credit of Fine Art is required unless a career-tech pathway is pursued	1.0 credit of Fine Art is required unless a career-tech pathway is pursued	6.0 credit of Fine Art is required unless a career-tech pathway is pursued + Fine Arts Seal	1.0 credit of Fine Art is required unless a career-tech pathway is pursued
AP Courses				AP Music Theory					
Family Consumer Science Electives	Principles of Food	Food Science	Financial Literacy* Required	Any FCS Elective	0.5 Credits of Financial Literacy	0.5 Credits of Financial Literacy	0.5 Credits of Financial Literacy	0.5 Credits of Financial Literacy	0.5 Credits of Financial Literacy
	Culinary Fundamentals	Global Foods	Child Development	Any FCS Elective					
World Language Electives	Spanish 1	Spanish 2	Spanish 3	AP Spanish, CCP Elementary Spanish 1 and 2		3 Credits of sequential World Language or 2 sequential units of 2 world languages	3 Credits of sequential World Language or 2 sequential units of 2 world languages	3 Credits of sequential World Language or 2 sequential units of 2 world languages	3 Credits of sequential World Language or 2 sequential units of 2 world languages
Media Electives	Media 1 Technology Seal	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	5.5 credits of Electives are required		Media 1--Technology Seal		
College and Career Electives	Unlocking Potential	ACT Review or State Test Review	College and Career Horizons (Portfolio Development) Part of the Honors Diploma Seal	Work Based Learning, STEM Research Project, Field Experience Part of the Honors Diploma Seal		Field Experience, OhioMeans Jobs Readiness Seal, Portfolio or Work-based Learning + 27+ on ACT and cumulative gpa of 3.5 or higher	Field Experience, OhioMeans Jobs Readiness Seal, Portfolio or Work-based Learning + 27+ on ACT and cumulative gpa of 3.5 or higher	Field Experience, OhioMeans Jobs Readiness Seal, Portfolio or Work-based Learning + 27+ on ACT and cumulative gpa of 3.5 or higher	Field Experience, OhioMeans Jobs Readiness Seal, Portfolio or Work-based Learning + 27+ on ACT and cumulative gpa of 3.5 or higher
CCP College and Career Electives	College and Career Success Skills*Ohio Means Jobs Readiness Seal	CCP Comp Apps for Professionals	CCP Effective Speaking	CCP Ethics					

Aviation STEM Honors Diploma Pathway:

Aviation STEM Honors Diploma Requirements

Type of Course	Freshmen Year Course Options	Sophomore Year Course Options	Junior Year Course Options	Senior Year Course Options	Requirements for Graduation with a Regular Diploma	Graduation Requirements for a STEM Honors Diploma
English	English 9	English 10* Score of 684 or higher required for graduation	English 11	English 12	4 Credits English	4 Credits English
English CCP options			CCP College Writing & CCP Research Options, AP Literature and Composition	CCP American and British Literature, AP Language and Composition		
Math Typical Pathway	Algebra 1 or Geometry**Both are State tested, Score of 684+ required for graduation in Algebra 1	Geometry*State Tested, Algebra 2 or Mathematical Modeling and Reasoning (MMR)	Algebra 2, or PreCalculus	PreCalculus	4 Credits Math	4 Credits Math
Math CCP			Algebra for Calculus & Trigonometry	Intro to Stats and/or Calculus and Analytical Geometry		
Social Studies	Government*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	American History*State Tested score of 700+ on both Govt and Am History = Citizenship Seal	World History	Psychology and/or World Geography	3 Credits Social Studies	3 Credits Social Studies
Social Studies AP and CCP	CCP American Politics and Microeconomics (*State Govt test)	CCP US History*State test required or AP US History	AP World History, CCP General Psychology, Intro to Sociology,	CCP Cultural Diversity, Human Growth & Development, Dynamics of the Family		
Science	Aviation Science 1	Biology*State Tested (score 700+ = Science Seal) and Aviation 2 (grade of B or better earns Science Seal)	Aviation Science 3 (grade of B or better earns Technology Seal)	Aviation Science 4 (earns Ohio Means Jobs Seal)	3 Credits of Science	4 Credits of Science and 2 STEM Electives + either Industry Credential OR Technology Seal
CCP and AP Science			CCP Astronomy, CCP Biology 1 or II, OR AP Environmental Science, or Language and Science of Medicine	CCP Astronomy, CCP Biology I or II, OR AP Environmental Science, or Language and Science of Medicine (online not for college credit)		
Physical Education and Health	PE 9 and Health	PE 10	Weight Lifting and Sports Nutrition	Sports Officiating*Earns points toward an industry recognized credential	2 semesters or 0.50 credit of PE and 0.50 credit of Health required	2 semesters or 0.50 credit of PE and 0.50 credit of Health required
Fine Arts	Art 1 (0.50 credit), Symphonic Band, or Chorale	Art 2 (0.50 credit), Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 3--Accelerated Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	Art 4--Advanced Art, Music Appreciation (online), Symphonic or Jazz Band, Chorale and Silver Wings *2 credits required for the Fine Arts Seal	1.0 credit of Fine Art is required unless a career-tech pathway is pursued	1.0 credit of Fine Art is required unless a career-tech pathway is pursued
AP Courses				AP Music Theory		
Family Consumer Science Electives	Principles of Food	Food Science	Financial Literacy* Required	Any FCS Elective	0.5 Credits of Financial Literacy	0.5 Credits of Financial Literacy
	Culinary Fundamentals	Global Foods	Child Development	Any FCS Elective		
World Language Electives	Spanish 1	Spanish 2	Spanish 3	AP Spanish, CCP Elementary Spanish 1 and 2		3 Credits of sequential World Language or 2 sequential units of 2 world languages
Media Electives	Media 1--Technology Seal	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	Graphic Design, Podcasting, Video Production, or Yearbook	5.5 credits of Electives are required	Media 1--Technology Seal
College and Career Electives	Unlocking Potential	ACT Review or State Test Review	College and Career Horizons (Portfolio Development) Part of the Honors Diploma Seal	Work Based Learning, STEM Research Project, Field Experience Part of the Honors Diploma Seal		Field Experience, OhioMeans Jobs Readiness Seal, Portfolio or Work-based Learning + 27+ on ACT and cumulative gpa of 3.5 or higher

NCAA ELIGIBILITY CENTER COLLEGE DIVISION 1 or 2

In order to practice, compete, and receive scholarships at NCAA institutions, students must be certified by the NCAA Clearinghouse. ***No later than the beginning of their junior year, interested students need to discuss NCAA with the school counselor and complete the registration form at www.eligibilitycenter.org.*** Applications should not be sent before the end of a student's junior year. At the end of the junior year, an official transcript should be sent to the Eligibility Center. The NCAA Clearinghouse will only evaluate a student's application two times:

1. When the application is initially sent
2. After the student graduates

Sending transcripts more than these two occasions will not help expedite the Clearinghouse process.

Any student interested in NCAA should be cautious in selecting core courses which have been approved by the NCAA. Credit Flex, digital, or other non-traditional coursework, must be submitted to the Clearinghouse for approval PRIOR to taking the coursework. To see the most up-to-date list of NCAA approved courses, check on-line at www.eligibilitycenter.org (school code 363-615). Here is a sample list of the NCAA approved courses offered at Fairless High School:

- Aviation Science
- English 9
- English 10
- English 11
- English 12
- World History
- American History
- American Government
- Economics
- Psychology
- Algebra I
- Geometry
- Algebra II
- Pre-Calculus
- Physical Science
- Biology
- Chemistry
- Physics
- Spanish I-III

To be certified at a Division I school, a student must:

1. Graduate from high school
2. Earn a minimum GPA in 16 core courses (listed below)
 - a. 4 English
 - b. 3 Math (Algebra I and above)
 - c. 2 Science (natural or physical science, including 1 lab course)
 - d. 1 additional of English, Math, or Natural/Physical Science
 - e. 2 Social Studies
 - f. 4 additional from English, Math, Science, Social Studies, or Foreign Language
 - g. Earn a combined SAT or ACT sum score that matches your core course GPA and test score sliding scale

To be certified at a Division II school, a student must:

1. Graduate from high school
2. Minimum ACT sum score of 68 or SAT I total of 820
3. Earn a minimum GPA of 2.0 in 16 core courses (listed below)
 - a. 3 English
 - b. 2 Math (Algebra I and above)
 - c. 2 Science (natural or physical science, including 1 lab course)
 - d. 3 additional of English, Math, Science, Social Studies or Foreign Language
 - e. 2 Social Studies
 - f. 4 additional from English, Math, or Life/Physical Science

*Senate Bill 55 allows eighth graders to take Algebra I (or any other high school course) and receive high school credits for graduation purposes. These courses **WILL NOT** count towards NCAA requirements.

CURRICULUM SCHEDULE GUIDELINES

A. The Curriculum Schedule:

- The curriculum schedule selected, will be initially determined by the parent and student.
- The curriculum schedule will also be based upon test information, composition skills, teacher recommendation, grades, and your counselor.

B. Current freshmen, sophomores, and juniors will follow these procedures:

1. Counselor will distribute course description booklets in classes.
2. Counselor will review graduation requirements and courses necessary to fulfill curriculum schedule requirements.
3. Pre-registration sheets, which include prospectus and registration information for each curriculum schedule, will be distributed.

REGISTRATION REQUIREMENTS

1. A student may not schedule more than one (1) study hall. A student may not drop a class, if the drop will result in the student being scheduled into more than one (1) study hall per day. All students should plan a full schedule.
 - a. *Full-time CCP students (scheduling 12 credit hours or more per semester) may be permitted to leave unscheduled periods in their schedule with parent permission, flexible scheduling form turned in, and principal approval.*
2. Planning a schedule for the next school year is a difficult task, and situations may occur requiring a change in that schedule. These schedule changes, however, have a serious effect on class size, teacher assignments, and the overall master schedule and, therefore, will be approved sparingly. The student and parent are urged **not** to plan a program with the idea that it can be changed. Schedule changes are rare, and will only be made under extenuating circumstances.
3. ***Students will have the first 3 days of school to request schedule changes. Requesting a change does not guarantee that a change will be made. Students must get the permission of the teacher and principal for a***

course to be dropped or added during the 3-day window, and then see a school counselor to discuss and complete the appropriate forms. Students are expected to remain in all originally scheduled classes until changes are made with his/her counselor. Unless extreme circumstances exist, schedule changes made after the deadline will result in a Withdraw Fail grade for the entire course on a student's permanent record and will affect a student's GPA and class rank.

4. Grading/Scheduling/Credit matters not discussed in school policy may be handled on a case-by-case basis. Consult your assigned school counselor regarding unique situations.
5. Classes with low enrollment are subject to cancellation on short notice. Alternative classes will then need to be selected by the affected students.
6. Prerequisites and/or teacher recommendations are required for many courses. See each course description for specific requirements. Class changes can only be made under the above guidelines.

CLASS DROP AND ADD POLICIES

When courses are selected for the year, every effort is made to help each student choose a plan for the future. Only under exceptional circumstances may a course be dropped at any time, and a student must have building principal permission. ***Core classes required for graduation may not be dropped, and no classes may be dropped, if as a result, a student will have more than one study hall on their schedule.*** Exceptions may be made in those instances where it is determined that a student is not in the proper level course or is missing a course required for graduation, a parent/teacher/counselor conference is recommended to make a transfer.

Seniors may have only class period during which they may use senior privilege to either arrive after the first period or leave one period early if they meet the qualifications of senior privilege which include the following:

- On-track for graduation which includes having earned 15 credits prior to the senior year and having met the state testing requirements that are applicable
- Currently passing all classes and a gpa of at least 2.5 for the immediately preceding quarter
- Not having earned a detention or ISS for the day in which the student wishes to leave early
- Satisfactory attendance—not more than 3 unexcused tardies and no unexcused or excessive absences

CCP students are expected to have full schedules. A full-time CCP student has a minimum of 12 semester hours each semester to maintain CCP privilege.

A mixture of CCP and non-CCP courses will not merit CCP privilege unless the student has 12 semester hours of CCP courses for the semester.

Students will have the first 3 days of school to request schedule changes. Requesting a change does not guarantee that a change will be made. Students must get the permission of the teacher of the course(s) being added and dropped and principal for a course to be dropped or added during the 3-day window, and then see a school counselor to discuss and complete the appropriate forms. Students are expected to remain in all originally scheduled classes until changes are made with his/her counselor. Unless extreme circumstances exist, schedule changes made after the deadline will result in a Withdraw Fail grade for the entire course on a student's permanent record and will affect a student's GPA and class rank. The final decision will rest with the building principal.

GRADING SCALE / ACADEMIC HONORS

High School Grading System

The following is an adopted guide for determining grades. Point values of letter grades are as follows:

A=4 points B=3 points C=2 points D=1 point F= 0 points

The standard grading scale for determining the letter grade is as follows:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	0-59%

For calculation of the GPA, contact the Counseling Department.

A semester exam will be given at the end of the 2nd nine weeks, and a final exam will be given at the end of the 4th nine weeks.

The following method will be used to determine semester and final grades. The point value of each 9 weeks' grade will be doubled and added to the point value of the semester and final exam grades to determine yearly points.

Example for Year-Long Courses

First 9 Wks.	Second 9 Wks.	Semester Exam	Third 9 Wks.	Fourth 9 Wks.	Final Exam	Final Grade
C	B	C	B	C	D	C
(2 pts.)	(3 pts.)	(2 pts.)	(3 pts.)	(2 pts.)	(1 pt.)	(2 pts.)

The point scale for the final grade is as follow:

<u>Year Grade</u>	<u>Point Value</u>
A	36-40
B	26-35
C	15-25
D	6-15
F	0-5

Regardless of point value, a student who has received three (3) nine weeks of "F" in a yearlong course has failed the course. In a full-year course, a student must have at least two (2) passing grades during the second semester (i.e., a student must pass the first two nine weeks or one nine weeks and the final exam).

Example for Semester Courses

<u>Year Grade</u>	<u>Point Value</u>
A	18-20
B	13-17
C	8-12

D	3-7
F	0-2

Regardless of point value, a student who has received two (2) grades of "F" in a semester course has failed the course.

<u>First 9 Wks.</u>	<u>Second 9 Wks.</u>	<u>Semester Exam</u>	<u>Final Grade</u>
F	B	F	F

Honor Roll

Students must have a 3.5 quarterly gpa and a minimum of 5 credits to be considered for the honor roll. Students who are taking CCP courses, may present a record of their current grades in progress at the end of the first and third quarters as proof of being eligible for honor roll and academic honors.

Academic Letter

To recognize, award and motivate Fairless High School students that continuously excel academically, the Fairless High School Academic Letter of Achievement will be awarded to students who meet the following criteria:

1. Students in grades 9-12 earning a 3.5 cumulative grade point average over the first three grading periods of the school year.
 - a. The average is calculated using final grades for completed courses (semester and CCP). For in-progress courses (year long courses) marking period grades are averaged.
2. Student awards will be as follows
 - 1st year award winner- Academic letter
 - 2nd & 3rd year award winner- Pin
 - 4th year award winner- Lamp of Knowledge (Honoring 4 yrs of achievement)

Latin Honors

Honor Level	Unweighted GPA	Other Requirement
<i>Summa Cum Laude</i>	3.950-4.00	4+ AP Courses OR 30+ CCP credit hours OR 4+ credit career-tech program 1 AP=7.5 CCP credits
<i>Magna Cum Laude</i>	3.750-4.00	2+ AP Course OR 15+ CCP Credits OR 4+ credit career-tech program 1 AP=7.5 CCP credits
<i>Cum Laude</i>	3.500-4.00	None

- GPA's are not rounded

CREDIT FLEXIBILITY OPTIONS

Senate Bill 311 (2006) "Ohio Core Curriculum" established the opportunity for high schools to offer credit flexibility options for students.

Fairless High School offers alternatives to traditional Carnegie units of credit. A Carnegie unit is based on seat time in a classroom and the completion of a traditional course of study. Credit flexibility is an option to shift away from "seat time" to assessing the demonstrated mastery of academic skill and performance levels.

For pre-high school students we offer:

Course and Grade Acceleration: Parents who wish to have their child granted course or grade acceleration, must apply to the building principal. The principal will consult with the Director of Curriculum, counselors, current teachers, and teachers related to the requested placement. The student must demonstrate superior academic achievement through coursework and assessment, and have mastered all relevant state content in their current coursework and in any course or grade level work to be skipped. Students must also exhibit the physical, social and emotional skills necessary for acceleration. Course credit will only be granted if evidence of credit flex requirements established by the individual learning plan team are completed.

For current high school students we offer:

College Credit Plus Option: High school students who meet the college requirements for early enrollment in college level courses may enroll for dual credit at the high school and college level. For a college course to replace a required high school credit, the course must teach substantially the same academic content with an equivalent amount of instructional time. College courses can be used to meet elective credits. College level courses will be taught and graded in accordance with the college syllabus and policy. Students who take courses for only college credit must pay for the course. College Credit Plus courses may be offered on either the high school or college campus. Students who take online CCP courses will do so through the Learning Commons at Fairless High School. This hybrid location offers students the help and support they need to navigate the courses. Students are responsible for their own transportation to the college. Students and parents must attend a required meeting for courses to be taken off of the high school campus. Participation must be pre-approved.

Digital Courses: Digital courses are primarily computer-based instruction under the supervision of a qualified teacher. Digital courses are never duplicates of the courses provided in the face-to-face classroom without documentation of need from a medical professional and administrative approval. All of the digital course is completed independently of regular classroom instruction. Because digital courses are heavily dependent on reading skills and the ability to achieve through self-instruction, this option is not usually recommended for special education students who need modifications and individualized teacher-led instruction. Students must apply and be pre-approved based on past performance, self-initiative, and the ability to self-motivate and self-instruct. The course must be taken in the Learning Commons and typically is monitored throughout the year with satisfactory progress as defined by a contract agreement with the student and their family.

Independent Study Option: Independent Study can occur in a variety of forms (i.e. digital, tutoring, portfolio completion, etc.). The purpose of the Independent Study Option is to provide an enriched academic experience, in an area in which a student has a high level of ability and interest, or when closely guided to meet the needs of a student who may be unable to participate in the regular school course of study. Independent Study requires an application submitted to the building principal, and approved by a team of qualified educators. The approved Independent Study Plan will include academic standards to be mastered, activities in which the learner will engage, required assessments

(quizzes, tests, labs, research, papers, portfolio, and/or other program options), and a timeline for completion. Students engaging in approved Independent Study must meet with, and be assessed by a qualified educator on a regular basis.

Comprehensive Assessment for Credit Option: Students may request to receive credit through a comprehensive assessment option. This option may include, but is not limited to, a combination of examination(s), portfolio submission, research, a comprehensive project, and/or oral examination/interviews. A qualified team of educators will establish a pre-approved assessment plan. A rubric for competency, completion, and grade to be awarded will be established. A timeline for completion will be approved. The student will be supervised/guided by a qualified educator. Semester exams are not designed to be a part of this option (see statement on Semester Exams in the Student Handbook). The assessment for credit option can only be attempted once per course. Review and preparation for the assessment is the responsibility of the student.

COLLEGE CREDIT PLUS

What is it?

Eligible students can take a course and earn high school and college credit which appears on both their high school and college transcripts. Teachers who teach a College Credit Plus course in a high school, must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus - even courses offered in the high school - must be the same course that the college offers. The course must apply to a degree or professional certificate. College Credit Plus replaces the Post Secondary Education Option, also known as PSEO, and redefines “alternative dual enrollment” programs as advanced standing programs.

Why?

Ohio needs more students who graduate college-and career-ready. College Credit Plus increases access for students who have not taken full advantage of the opportunity to earn college credits while in high school. CCP is one of the many strategies employed in Ohio to meet the Attainment Goal of 65% of Ohio’s citizens earning a degree, certificate or other postsecondary workforce credential of value in the workplace by 2025.

Where?

The student is enrolled in both high school and college, and can attend the class in any setting arranged by the college.

Who?

Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus. Nonpublic high schools and colleges or universities may choose to participate. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment.

How does a student get started?

All participating public and private high schools, colleges and universities must promote College Credit Plus opportunities on their website. Additionally, they will hold an annual informational event for students and parents. Students will need to complete some form of college placement testing such as ACT, SAT or Accuplacer. Effective 2018-2019, a student must meet the approved placement score in at least one of the following testing areas: English, Reading or Math to be eligible to participate in CCP.

There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The school district covers the cost of college tuition and textbooks. Students choosing to enroll in a participating private college or university may incur costs.

If available, the courses are taught by high school teachers who have met the requirements of adjunct professor status, and the course credit earned can be applied toward both high school and college graduation. ***If no Fairless staff have achieved adjunct status, a Kent State Adjunct Professor will teach the course on campus at Fairless High School or courses will be offered online through KSU Stark or Stark State.*** The District may exchange Kent State face-to-face and Stark State online courses due to enrollment and scheduling. The credit from the courses offered at Fairless can be transferred to other colleges or universities.

Students must complete the required entrance exam for admission into College Credit Plus courses. Students must also complete the college registration for the partnering college/university. Students who receive an "F" in a College Credit Plus course must pay for the course and the book fee. Failing a college course may cause the student to not be allowed to take further college classes. Grades become part of the high school grade point average. The Guidance Department will provide additional information about this program at an annual meeting for parents and students in Grades 7-12. Students interested in participating in College Credit Plus and their parents must meet with their guidance counselor and sign an agreement by April 1 preceding the year of intended enrollment. All books purchased for College Credit Plus belong to Fairless Local Schools and must be turned in to the Learning Commons when the course is complete. Each college has a different policy on textbooks. However, in all cases, students are not permitted to sell their college textbooks.

Online CCP Course Support and the Learning Commons Support for all CCP students

Students who take online CCP courses will do so through the Learning Commons at Fairless High School. This offers students the help and support they need to navigate the courses. The first semester taking an online course requires that the student "attend" the class in the Learning Commons. Any CCP students taking online, hybrid, or in-person classes who are needing support, collaboration with fellow college students, or a quiet place to work are invited to use the Learning Commons for unscheduled times and study support.

Associate Degrees Information Sheet

The associate of arts degree offers an excellent foundation for degrees in communication, education, business, social and behavioral sciences, and the arts. Students gain knowledge and skills applicable to almost any work environment, such as problem solving, critical thinking and communication. Most students continue their studies in bachelor's degree programs in a specific area and pursue careers in a related field. Those who choose to enter the workforce with an associate degree are prepared for entry-level positions.

A minimum of 60 credits is required for the associate of arts degree. All students must earn the minimum credit subtotal in English composition, social and behavioral sciences, arts and humanities, and sciences and mathematics.

Students must apply for Stark State College graduation at the beginning of their final semester (accessible through their *mystarkstate* portal).

Benefit of Earning an Associate Degree

Have your eye on a competitive university?

- Stark State has more than 30 transfer partnerships with other colleges and universities, including The Ohio State University, Kent State University and The University of Akron.
- These transfer partnerships allow you to move smoothly – and affordably – from an associate degree to a baccalaureate program.

- Studies show, community college students who transfer to selective four-year schools perform as well as or even better than their peers who come directly from high school. In fact, transfer students from community colleges are the group most likely to graduate.
- The transfer of credits from one Ohio public college or university to another has now been guaranteed with the development of the Transfer Module. For more information about how courses will transfer between institutions, visit transfercredit.ohio.gov/

For questions about Stark State's degree transfer agreements, contact the admissions office at 330-494-6170, ext. 4228 or visit <https://www.starkstate.edu/admissions/transfer/>

Associate of Arts Degree Information Sheet

The associate of arts degree offers an excellent foundation for degrees in communication, education, business, social and behavioral sciences, and the arts. Students gain knowledge and skills applicable to almost any work environment, such as problem solving, critical thinking and communication. Most students continue their studies in bachelor's degree programs in a specific area and pursue careers in a related field. Those who choose to enter the workforce with an associate degree are prepared for entry-level positions.

A minimum of 60 credits is required for the associate of arts degree. All students must earn the minimum credit subtotal in English composition, social and behavioral sciences, arts and humanities, and sciences and mathematics.

Students must apply for Stark State College graduation at the beginning of their final semester (accessible through their *mystarkstate* portal).

Benefit of Earning an Associate Degree

Have your eye on a competitive university?

- Stark State has more than 30 transfer partnerships with other colleges and universities, including The Ohio State University, Kent State University and The University of Akron.
- These transfer partnerships allow you to move smoothly – and affordably – from an associate degree to a baccalaureate program.
- Studies show, community college students who transfer to selective four-year schools perform as well as or even better than their peers who come directly from high school. In fact, transfer students from community colleges are the group most likely to graduate.
- The transfer of credits from one Ohio public college or university to another has now been guaranteed with the development of the Transfer Module. For more information about how courses will transfer between institutions, visit transfercredit.ohio.gov/

For questions about Stark State's degree transfer agreements, contact the admissions office at 330-494-6170, ext. 4228 or visit <https://www.starkstate.edu/admissions/transfer/>

Associate of Arts Degree offered at Fairless High School

61-63 Total Credit Hours

Stark State Courses **Kent State Stark Courses**



*** Must have at least 6 credit hours of CCP science for the Associate of Arts degree**

Students must provide an official transcript from Kent State University for courses taken through that institution prior to being awarded the Associate of Arts General degree at Stark State College. *The District may exchange Kent State face-to-face and Stark State online courses due to enrollment and scheduling.*

Period	Grade 9	Grade 9 Total Hours - 24 - 29.25
	Fall	Spring
1	IDS115 College and Career Success Skills 3 cr.	COM121 Effective Speaking 3 cr. (TAG) - Online
2	English 9	English 9
3	Algebra I or Geometry	Algebra I or Geometry
4	American Government or PSC121 U.S. Government and Politics 3 cr. (TAG)	American Government or BUS221 Microeconomics 3 cr. - Online
5	Spanish I or II	Spanish I or II
6	Intro to Art OR Band/Choir	Visual Art Elective OR Band/Choir
7	Physical Science or Aviation Science	Physical Science or Aviation Science

* Depending on the individual student scheduling requirements and needs, some students may require PE and health offered digitally the summer prior to 9th grade to allow for a lunch period.

	Grade 10	Grade 10 Total Hours - 25.5
	Fall	Spring
1	English 10	English 10
2	Geometry or Algebra II equivalent	Geometry or Algebra II equivalent
3	HIS121 US History I to 1877 3 cr. (TAG)	HIS122 US History II from 1877 3 cr. (TAG)
4	Spanish II or III	Spanish II or III
5	Financial Literacy	ITD122 Comp. Apps. for Professionals 3 cr. (TAG) - Online
6	Visual Art Elective OR Band/Choir	Visual Art Elective OR Band/Choir
7	Biology	Biology

	Grade 11	Grade 11 Total Hours - 24 - 29
	Fall	Spring
1	ENG-11011 College Writing 3 cr. (OTM)	ENG-21011 Research Writing 3 cr. (OTM)
2	Algebra II equivalent or Statistics	Algebra II equivalent or Statistics
3	HIS222 World Civ. from 17th Century 3 cr. (TAG)	PSY121 General Psychology 3 cr. (TAG)- Online
4	Spanish III or IV	Spanish III or IV
5	Any HS or CCP Advanced Science *	Any HS or CCP Advanced Science *
6	Visual Art Elective OR Band/Choir	Visual Art Elective OR Band/Choir
7	Study Session	Study Session

	Grade 12	Grade 12 Total Hours - 28 - 29
	Fall	Spring
1	ENG237 American Literature: 1865 to Present 3 cr. (TAG)	PHL122 Ethics 3 cr. (TAG) - Online or ENG234 British Literature: 1785 to Present 3 cr. (TAG)
2	MATH-10041 Introductory Statistics 4 cr. (OTM)	SOC225 Diversity in American Society 3 cr. (OTM) - Online
3	SOC121 Sociology 3 cr. (TAG) - Online	PSY123 Human Growth & Develop 3 cr. (TAG) or BUS221 Microeconomics 3 cr. - Online
4	Eligible 3 credit hour CCP course	Eligible 3 credit hour CCP course
5	HS Elective or Band/Choir	HS Elective or Band/Choir
6	Study Session	Study Session
7	Study Session	Study Session



Associate of Science Degree offered at Fairless High School

62-65 Total Credit Hours

Period	Grade 9	Grade 9 Total Hours - 24 - 29.25
	Fall	Spring
1	IDS115 College and Career Success Skills 3 cr.	COM121 Effective Speaking 3 cr. (TAG) - Online
2	English 9	English 9
3	Geometry	Geometry
4	American Government or PSC121 U.S. Government and Politics 3 cr. (TAG)	American Government or BUS221 Microeconomics 3 cr. - Online
5	Spanish I or II	Spanish I or II
6	Intro to Art OR Band/Choir	Visual Art Elective OR Band/Choir
7	Physical Science or Aviation Science	Physical Science or Aviation Science

* Depending on the individual student scheduling requirements and needs, some students may require PE and health offered digitally the summer prior to 9th grade to allow for a lunch period.

	Grade 10	Grade 10 Total Hours - 25.5
	Fall	Spring
1	English 10	English 10
2	Algebra II equivalent	Algebra II equivalent
3	HIS121 US History I to 1877 3 cr. (TAG)	HIS122 US History II from 1877 3 cr. (TAG)
4	Spanish II or III	Spanish II or III
5	Financial Literacy	ITD122 Comp. Apps. for Professionals 3 cr. (TAG) - Online
6	Visual Art Elective OR Band/Choir	Visual Art Elective OR Band/Choir
7	Biology	Biology

	Grade 11	Grade 11 Total Hours - 26 - 30
	Fall	Spring
1	ENG-11011 College Writing 3 cr. (OTM)	ENG-21011 Research Writing 3 cr. (OTM)
2	MATH-10675 Algebra for Calculus Boost 5 cr. (OTM)	MATH-11022 Trigonometry 3 cr. (OTM)
3	HIS222 World Civ. from 17th Century 3 cr. (TAG)	PSY121 General Psychology 3 cr. (TAG)- Online
4	Spanish III or IV	Spanish III or IV
5	BIO141 General Biology I or any CCP Advanced Science	BIO142 General Biology II or any CCP Advanced Science
6	Visual Art Elective OR Band/Choir	Visual Art Elective OR Band/Choir
7	Study Session	Study Session

	Grade 12	Grade 12 Total Hours - 25 - 29
	Fall	Spring
1	ENG237 American Literature: 1865 to Present 3 cr. (TAG) or PHL122 Ethics 3 cr. (TAG)- Online	SOC225 Diversity in American Society 3 cr. (OTM) - Online
2	MATH-10041 Introductory Statistics 4 cr. (OTM)	MATH-12002 Analytical Geom and Calculus I 5 cr. (OTM)
3	PHY21430 Astronomy or any CCP Advanced Science *	PHY13001 Gen Physics and Lab or any CCP Advanced Science *
4	SOC121 Sociology 3 cr. (TAG) - Online or BUS221 Microeconomics 3 cr. (TAG) - Online	Eligible 3-4 credit hour CCP course (if needed)

5	HS Elective or Band/Choir	HS Elective or Band/Choir
6	Study Session	Study Session
7	Study Session	Study Session

Revised Sept 4, 2024

Stark State Courses **Kent State Stark Courses**

*** Must have at least 12 credit hours of CCP science for the Associate of Science degree**

Students must provide an official transcript from Kent State University for courses taken through that institution prior to being awarded the Associate of Arts General degree at Stark State College. *The District may exchange Kent State face-to-face and Stark State online courses due to enrollment and scheduling.*

Associate of Science Degree Information Sheet

The associate of science degree provides a solid background in mathematics and natural sciences, and leads to career paths in those fields as well as transfer options to bachelor of science programs at four-year colleges and universities.

This degree requires 60 or more credit hours, with minimum credit subtotals in English composition, social and behavioral sciences, arts and humanities, and sciences and mathematics.

Students must apply for Stark State College graduation at the beginning of their final semester (accessible through their *mystarkstate* portal).

Athletic Eligibility For College Credit Plus

For those students electing College Credit Plus courses, their athletic eligibility will continue to be based upon the grading period used by the high school.

The student must provide a written report of their grades to the Athletic Director to determine his/her eligibility. When grades are obtained, they shall be used to determine whether or not a particular student is passing five academic courses or the equivalent for that preceding grading period.

Note: If a student is taking all course work at a college institution, the minimum number of credits required (under either the quarter or semester system) in order to maintain athletic eligibility is **twelve (12)**.

College Credit Courses Availability at Fairless

Eligible students can take a course and earn high school and college credit that appears on both their high school and college transcripts. Students can earn up to 87 credits in online or face-to-face courses offered at Fairless High School. Teachers who teach a College Credit Plus course in a high school must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus - even courses offered in the high school - must be the same course that the

college offers. The course must apply to a degree or professional certificate. All College Credit Plus courses require students to be college ready as a prerequisite, which may include ACT or other college entrance exam, minimum GPA, and/or teacher recommendation. **Students who earn a grade of "F" in a CCP class will have to pay the tuition and the book fee for the course, and may be placed on CCP probation or dismissed from the CCP program.** Every effort will be made to offer courses as listed; however, if a qualified instructor is not available a suitable replacement course will be offered instead.

College Credit Plus
Kent State University & Stark State College Offerings at FHS

Fall Course Offerings

Fairless Course Number	University Course Number	COURSE TITLE	CREDIT (FHS/College)	HS Requirement Equivalent	PREREQUISITE
FCCP850 (Classroom)	IDS115 Stark State	College and Career Success Skills/ Ohio Means Jobs Readiness	1.00/3.00	Elective	CCP eligibility requirements
CCP410	HIS121 Stark State	US History I to 1877	1.00/3.00	Social Studies	CCP eligibility requirements
CCP400	HIS22 Stark State	World Civilization from 17th Century	1.00/3.00	Social Studies	CCP eligibility requirements
CCP140	ENG237 Stark State	American Literature: 1865 to Present	1.00/3.00	English	ENG11011
FCCP150 (Classroom)	ENG-11011 Kent State	College Writing	1.00/3.00	English	ACT Eng 18 or Writeplacer 5 or (Cond. Elig. Read 250 and Write 4)
FCCP250 (Classroom)	MATH-10675 Kent State	Algebra for Calculus Boost	1.00/5.00	Math	ACT Math 22 or ALEKS Test 35 or Accuplacer 263
FCCP350 (Classroom)	PHY-21430 PHY-21431 (lab) Kent State	Frontiers in Astronomy with Lab	1.00/4.00	Science	ACT Read 20 or Accuplacer Read 250
CCP460	PSC121 Stark State	Political Science	1.00/3.00	Social Studies	CCP eligibility requirements
CCP830 (Online)	ACC130 Stark State	Business Law & Ethics	1.00/3.00	Elective	CCP eligibility requirements
FCCP260 (Classroom)	MATH-10041 Kent State	Introductory Statistics	1.00/4.00	Math	ACT Math 22 or ALEKS Test 35
CCP755 (Online)	SOC123 Stark State	Dynamics of the Family	1.00/3.00	Sociology	CCP eligibility requirements
CCP445 (Online)	PSY121 Stark State	General Psychology	1.00/3.00	Social Studies	ACT Read 18 or Accuplacer Read 246
(Classroom)	BIO141 Stark State	General Biology 1	1.00/4.00	Science	CCP eligibility requirements

College Credit Plus
Kent State University & Stark State College Offerings at FHS

Spring Course Offerings

Fairless Course Number	University Course Number	COURSE TITLE	CREDIT (FHS/College)	HS Requirement Equivalent	PREREQUISITE
CCP840 (Online)	ITD122 Stark State	Computer Applications	1.00/3.00	Elective	CCP eligibility requirements and Computer score of 21+
CCP415	HIS122 Stark State	US History II From 1877	1.00/3.00	Social Studies	CCP eligibility requirements
CCP831 (Online)	PHL122 Stark State	Ethics	1.00/3.00	Elective	CCP eligibility requirements
CCP145	ENG234 Stark State	British Literature: 1785 to present	1.00/3.00	English	ENG 11011
CCP450 (Online)	BUS221 Stark State	Microeconomics	1.00/3.00	Financial Literacy/Economics	ACT Read 18 or Accuplacer Read 246
FCCP160 (Classroom)	ENG-21001 Kent State	Research Writing (previously known as College Writing 2)	1.00/3.00	English	Complete ENG 11011 with a C- or better
FCCP360 (Classroom)	PHY-13001 PHY-13021 (lab) Kent State	General College Physics 1 General College Physics I Lab	1.00/5.00	Science	Complete MATH 11022 with a C or better
FCCP270 (Classroom)	MATH-11022 Kent State	Trigonometry	1.00/3.00	Math	Complete MATH 10675 with a C or better
FCCP260 (Classroom)	MATH-10041 Kent State	Introductory Statistics	1.00/4.00	Math	ACT Math 22 or ALEKS Test 35
CCP470 (Online)	SOC121 Stark State	Sociology	1.00/3.00	Social Studies	ACT Read 18 or Accuplacer Read 246
FCCP170 (Hybrid)	COM121 Stark State	Effective Speaking	1.00/3.00	Elective	CCP eligibility requirements
FCCP280 (Classroom)	MATH-12002 Kent State	Analytic Geometry & Calculus I	1.00./5.00	Math	Complete MATH 11022 with a C or better
CCP446 (Online)	PSY123 Stark State	Human Growth & Development	1.00/3.00	Psychology	PSY121
CCP471 (Online)	SOC225 Stark State	Diversity in American Society	1.00/3.00	Social Studies	CCP eligibility requirements
	BIO 142 Stark State	General Biology II	1.00/4.00	Science	CCP eligibility requirements

FAIRLESS DIGITAL ACADEMY

Introduction: **We believe that students learn best in classrooms with teachers alongside their classmates. Therefore, no class that is taught in-person will be duplicated in the digital academy without a medical excuse and administrative approval.**

The Fairless Digital Academy, FDA, offers supplemental courses in addition to the electives we offer in person. Admission into the Fairless Digital Academy begins by completing an online application for acceptance into the academy based on a student's likelihood for success. The hallmarks for success in online learning come from a student's past academic and behavioral performance, self-initiative, and the ability to self-motivate and self-instruct.

COURSE NUMBER	COURSE TITLE	CREDIT	NUMBER OF PERIODS	PREREQUISITE(S) beyond FDA application approval:
FOL701	Agriculture	1	1	Prerequisites: Health, Biology, Chemistry
FOL201	OST Algebra 1 Review	0.5	1	Sophomore, junior or senior standing recommended
FOL101	OST ELA Review	0.5	1	junior or senior standing recommended
FOL104	American Literature	1	1 or 2	Prerequisite: CCP College Writing and Research Writing with a grade of B or better and a score of at least a 3 (proficient) or higher on the English 1 and English 2 AIR test or an ACT score of 19 in English and 22 in Reading
FOL290	AP Calculus BC (Calculus 2)	2	2	Prerequisite: CCP Calculus 1
FOL170	AP English Language and Composition	2	2	Prerequisite: CCP College Writing and Research Writing or senior standing
FOL180	AP English Literature and Composition	2	2	Prerequisite: CCP College Writing and Research Writing or senior standing
FOL470	AP European History	2	2	Prerequisites: World History, American History, and a score of at least 700 (proficient) or higher on the American History AIR test
FOL680	AP Music Theory	2	2	Prerequisite: at least two high-school level band or choir credits and instructor permission
FOL480	AP US History	2	2	Prerequisites: World History, American History, and a score of a least 700 (proficient) or higher on the American History AIR test
FOL490	AP World History	2	2	Prerequisites: World History, American History, and a score of at least 700 (proficient) or higher on the American History AIR test

COURSE NUMBER	COURSE TITLE	CREDIT	NUMBER OF PERIODS	PREREQUISITE(S) beyond FDA application approval:
FOL145	Classical British Literature	1	1 or 2	Prerequisite: CCP College Writing and Research Writing with a grade of B or better and a score of at least a 3 (proficient) or higher on the English 1 and English 2 AIR test of an ACT score of 19 in English and 22 reading
FOL796	College and Career Horizons Honors Diploma Portfolio	1	1	Junior or Senior standing; cannot be taken if Teaching Horizons has already been taken
FOL340	AP Environmental Science	2	2	Prerequisites: Algebra I, Physical Science, Biology, and Chemistry; Earned a score of 700 or proficient on the Algebra I, Geometry, and Biology AIR tests
FOL540	French	1	1	2 credits of Spanish or course acceleration
FOL840	Language and Science of Medicine	2	2 (could be two different years)	Prerequisites: Health, Biology, Chemistry with grades of B or better; and earned a score of at least a 700 (proficient) in the AIR Biology test
FOL845	Ohio Department of Education Credential	1	1	Prerequisite: Retaken State-Required tests in Algebra and English Language Arts
FOL702	STEM Field Experience Courses (Course topic decided on individual student basis)	0.5	1	Senior standing and on-track to meet the STEM honors diploma requirements
FOL703	Teaching Horizons	1	1	Junior or Senior standing and aptitude or interest in the teaching profession, may also require additional teacher approval and project; cannot be taken if College and Career Horizons has already been taken

R.G. DRAGE CAREER CENTER OFFERINGS

The College Tech Prep Option is available in all program areas for students completing a college prep curriculum, which includes:

Algebra II or equivalent and beyond, English, science, and social studies

Agricultural & Environmental Systems

ANIMAL SCIENCE & MANAGEMENT/PRE-VETERINARY TECHNOLOGY:

The Animal Science & Management/Pre-Veterinary Technology program is designed to give students a working knowledge of animal management and veterinary science through the study of many animals, including cattle, sheep, swine, horses, poultry, and goats. This course will provide an understanding of breeds, animal health, nutrition, training, anatomy and physiology, grooming, and related employment skills.

SPORTS TURF & LANDSCAPE MANAGEMENT:

The Sports Turf and Landscape Management program includes a wide variety of activities for students who enjoy the outdoors, and like to work with their hands. The program is designed to provide students with the skills that could lead to employment or post-secondary training in the areas of landscape design and maintenance, sports turf management, and production of greenhouse plants.

Arts & Communication

GRAPHIC COMMUNICATIONS:

This program is designed to provide students the competencies and skills required for entry-level positions in the field of graphic communications. Students develop skills in computer graphics using state-of-the-art equipment and software, which includes Adobe in Design. Additionally, students gain proficiency in printing and use of printing equipment. Students also gain experience working with customer service during the course of their two-year program. Graduates of the program are encouraged to further their education by earning a two or four year degree in several areas of graphic communications.

Construction Technologies

BUILDING CONSTRUCTION TECHNOLOGY:

The Building Construction Technology program teaches students a broad range of entry-level skills. The program includes the fundamentals of carpentry, finish carpentry, roofing, dry-wall, flooring, painting, siding, electrical, plumbing, cement, masonry, and blueprint reading. Students are trained to maintain, repair, construct, and remodel buildings and homes. During the course of the program, students will participate in on-site and off-site experiences. In addition, students may receive up to four industry-related certifications within the the year program!

HVAC/R:

Heating, Ventilation, and Air-Conditioning technicians design, install, maintain, and repair the equipment used to provide environmental indoor air quality in homes and buildings. Residential and light commercial heating, ventilating, and air conditioning, along with refrigeration, are the main focuses of the program. Students in the HVAC program gain real world experience working with organizations such as Habitat for Humanity. In addition, the growing emphasis on

energy cost and utilization is creating a need for technicians to renovate, convert, and service existing heating and air conditioning systems. HVAC technicians work indoors and outdoors; above and below ground; in homes, hospitals, and shopping centers; and in many other industrial areas. Students learn to utilize blueprints and drawings; install refrigeration lines and pipes; install furnaces and air-conditioners; test electronic control systems; design, install, and troubleshoot electrical systems; and repair heating and air-conditioning systems.

Coding

CODING UNIVERSITY:

Coding U at RG Drage is a senior only program that covers the fundamentals of information technology. In this course, students will learn the basics of computer hardware, software, networking, security and maintenance. This will help students earn the CompTIA ITF+ (Information Technology Fundamentals) certification and the IC3 (Internet Core Competency Certification) Digital Literacy certification. Students will also have the opportunity to earn certifications in Microsoft Word, Excel, PowerPoint and Access. Students will also learn programming skills including troubleshooting, variables, data types, classes, and objects using various programming languages.

Education & Training

EARLY CHILDHOOD EDUCATION:

Students in Early Childhood Education learn about the development of children from birth to third grade. During the first year, students operate a preschool for three to five year old children. Students complete weekly lesson plans, which include the Early Learning Content Standards. In the second year, students experience hands-on training with infants, toddlers, and school-aged children in childcare centers and elementary schools in Stark County. Students also learn about Down Syndrome, Cerebral Palsy, and Autism. Possible certifications include First Aid/CPR, Communicable Disease, Child Abuse, CDA hours, and PITC (Program for Infant/Toddler Caregivers).

Engineering

ENGINEERING:

This program allows students the unique opportunity to explore engineering concentrations, including mechanical, structural and polymers. Students can prepare for college and have the chance to earn technical and industry certification to prepare them for higher wages following high school. Students will gain hands-on technical experience in Computer Aided Design (CAD), 3D printing, CNC operations and advanced manufacturing processes

Health Services

DENTAL ASSISTANT/HYGIENIST:

In the Dental Assistant/Hygienist program students learn to work in cooperation with a dentist in the care and treatment of patients. Along with basic dental laboratory procedures, students learn dental terminology, use of instruments and equipment, x-ray procedures, preparation of dental materials, as well as dental office management skills. As a dental assistant, you will perform many tasks requiring both interpersonal and technical skills. If you enjoy working with people and have strong communication skills, the Dental Assistant/Hygienist program will be a rewarding experience.

HEALTH TECHNOLOGIES:

If you have a passion for helping others, consider a Health technologies career! As a student in this program, you will gain a hands-on overview of the healthcare field which will give you the knowledge base necessary to be successful in a

variety of health care settings and post-secondary institutions. With this cross training of skills, you will have many opportunities available to you, including preparation for the State-Tested Nurse's Aide Exam and online Pharmacy Tech Exam. Many career opportunities exist within the Health Services Career Field, including careers in: nursing, radiology, optometry, nutrition, physical therapy, occupational therapy, rehabilitation, and prevention and wellness.

Students in the Health Technologies program will receive classroom instruction in theory and laboratory practice, where they can practice and acquire patient care skills in real life situations. Technical skills and knowledge learned include: monitoring condition of patients, assisting with activities of daily living, communicating effectively, and utilizing technology. In addition, the areas of phlebotomy and electrocardiogram are studied.

SPORTS MEDICINE AND REHABILITATION:

This program is designed to equip students with the knowledge and skills necessary to provide a pathway to careers in sports medicine and physical rehabilitation. Students may become certified in the safety and emergency procedures used to prevent, treat, and manage sports injuries. In addition, students will study exercise science to learn how to create and manage rehabilitation plans and how to provide fitness training. Collaboration with community resources will serve to give students real-world and real-work experience. Moreover, an even greater variety of high pay, high demand careers await students who continue their training in a related area at the college level!

Hospitality

BAKERY/PASTRY OPERATIONS:

This program uses the baking industry to teach students about the highly diverse food manufacturing and marketing industry. Students make a wide variety of sweet and savory baked goods that include pizza, yeast bread products, cakes, donuts, cookies, pies, and other specialty food items. Students specialize in the preparation of specialty foods, mixing methods, and identification and application of ingredient usage. The most modern equipment is utilized in training students to enhance their culinary skills. The bakery lab provides students with hands-on skills that are transferable to every aspect of the food industry. A key component of the program is the management of a student-operated cafe that is open to the public. Students learn the managerial and communicative skills necessary to be successful in the public sector. Upon completion of this two-year program, students may enter the work place or take advantage of post-secondary education and scholarship opportunities available at technical, two-year, or four-year colleges and universities.

CULINARY ARTS:

The Culinary Arts field is the second largest employer in the U.S., and our program is second to none! Students learn everything from basic food preparation to entry-level management. They are trained on state-of-the-art equipment and practice skills including, but not limited to: dining room skills, ice carving and design, menu planning, cost control, and catering operations. Students also have the opportunity to compete in culinary competitions. Because of our excellent student-operated restaurant, The Harvest Room, and our Early Placement Program, these future employees gain real world experiences in both the school setting and the restaurants throughout their communities. This course also includes potential certifications in the National Restaurant Association ServSafe and ProStart programs and the American Culinary Federation.

Human Services

COSMETOLOGY:

There are exciting new career opportunities for cosmetologists, and the outlook for a career in hair design and cosmetology remains fantastic! Skincare, spa treatments, and nail care are the hottest specialty growth areas today. Students in the Cosmetology program gain skills in complete hair care, including styles, cuts, color, and chemical and texture; facial/skin care; and manicure/pedicure. Cosmetology students are provided hands-on experiences and are

qualified to take the State of Ohio Board of Cosmetology Exam at the end of their senior year if they pass the required lab, related, and academic classes.

Manufacturing Technologies

WELDING:

This program educates students in the fundamentals of the welding industry. It prepares men and women using a variety of hands-on training opportunities. Students learn the fundamentals of welding - the most common way of permanently joining metal parts and the processes used to fabricate metal.

Welding has a solid track record in technology and process advancements. Because of its strength, welding is used to construct and repair parts of ships, automobiles, spacecraft, and thousands of other manufactured products. Job prospects in this industry continue to flourish and the students of the R.G. Drage Metal Fabrication program continue to be recruited from area businesses! Skills taught within the program include: Arc welding (steel, stainless steel, cast iron, and aluminum), GMAW (MIG) welding, GTAW (TIG) welding, gas welding, Flux core welding, plasma arc-cutting, gas cutting, air carbon arc cutting, blueprint reading, and fabricating weldments.

PRECISION MACHINING TECHNOLOGY:

Precision machine operators in the metal working industry play a very major role in producing almost every consumer product that we rely on today. Whether making components for aerospace, automotive, or medical industries, you are sure to enjoy this challenging profession. This state-of-the-art program uses all the latest equipment and strategies to give you skills that are current in the machining industry. Students receive extensive training on Master CAM/CAD software, utilize the Tooling U online curriculum, and experience the state-of-the-art 3D Prototype Design. Becoming proficient in these programs provides transferable skills that can be used in a variety of career fields. Precision Machining Technology is a practical step toward a two-year or four-year degree and a lifetime career!

Transportation Systems

AUTO COLLISION TECHNOLOGY:

Auto Collision Technology includes lab and related technology in auto body repair, restoration, and restoring of a damaged vehicle. This program is designed to equip students with entry-level skills and familiarize them with advanced repair procedures and equipment. Shop management and safety topics are included in the curriculum as well. This program emphasizes all phases of auto body repair: painting, body and panel alignment, fiberglass and plastic repair, welding, auto refinishing, and shop safety.

AUTO SERVICES TECHNOLOGY:

In this ASE certified program, students learn to maintain, diagnose, and service automobiles. Auto Services Technology students become familiar with brake and electrical systems, suspensions, and alignments. In addition, students use the latest test equipment, including a computerized engine analyzer. Shop management and safety topics are also included in the curriculum. Students who complete the program are eligible to take the ASE exam in May of their senior year. Following the successful completion of the exam, students must work one year in the industry to receive their credentials.

HEAVY TRUCK DIESEL TECHNOLOGY:

The demand for skilled diesel technicians continues to grow because trucks are a vital part of our country's economy. Our heavy Truck/Diesel lab is one of the highest level technology labs in the state of Ohio!

This two-year program is designed to provide students with practical instruction in the diagnosis, repair, and maintenance of trucks, buses, and other diesel-powered equipment. Heavy Truck/Diesel Technology students work with a variety of equipment from small trucks to tractor trailers.

COURSES BY DEPARTMENT

ART

INTRODUCTION:

The courses offered by the Art Department at Fairless High School are arranged to give students a basic introduction to art and then a choice to explore media they are interested in. The goal is for students to develop an appreciation for art and what a large role it plays in society. Taking multiple classes will give students a strong foundation for a career in the visual arts.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F600	Intro to Art	9-12	.50	18	None
F610	Drawing	9-12	.50	18	Intro to Art
F615	Painting	9-12	.50	18	Intro to Art
F620	Ceramics/Sculpture	9-12	.50	18	Intro to Art
F630	Applied Arts	9-12	.50	18	Intro to Art
F635	Advanced Study Art	11-12	.50 or 1	18 or 36	Intro and 2 other Arts

Intro to Art	Gr. 9-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

The purpose of this class is to provide students a foundation in visual art and fulfills ½ credit of the Fine arts graduation requirement. Students will be exposed to various methods and media of fine arts which will allow them to make an informed choice as to which class to take next. Students will learn the basics. Areas students will become familiar with include drawing, painting, printmaking, ceramics, sculpture and crafts. Students will be required to learn appropriate vocabulary, and learn about art history.

Prerequisite: None

Drawing	Gr. 9-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

This class is designed for students who have passed Intro to Art and wish to develop skills and techniques in various drawing media. We will explore the history and techniques of pencil, colored pencil, pen, charcoal, and pastels. Students will be encouraged to develop technical skills as well expand creative ideas.

(can be taken multiple times but not in the same year)

Prerequisite: Successful completion of Intro to Art and teacher permission

Painting	Gr. 9-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

This class is designed for students who have passed Intro to Art and wish to develop skills and techniques in various painting media. We will explore the history and techniques of master painters and create works in watercolors, acrylic, and oil paints. Students will be encouraged to develop technical skills as well expand creative ideas.

(can be taken multiple times but not in the same year)

Prerequisite: Successful completion of Intro to Art and teacher permission

Ceramics/Sculpture	Gr. 9-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

This class is designed for students who have passed Intro to Art and wish to develop skills working with clay. Students will explore the element of form using coils, slabs, and wheel techniques, as well as other sculpture media. Students will create a diverse body of 3-D work and learn the science behind these art media.

(can be taken multiple times but not in the same year)

Prerequisite: Successful completion of Intro to Art and teacher permission

Applied Arts	10-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

This class is designed for students who have passed Intro to Art and wish to explore art media that has a practical function. Possible art media include printmaking, silkscreening, sewing, photography, digital art, cake decorating, hydro dipping, vinyl cutting, and any new media that has not previously been explored. The emphasis of this course is to create artworks that serve a functional purpose.

(can be taken multiple times but not in the same year)

Prerequisite: Successful completion of Intro to Art and teacher permission

Advanced Study in Art	11-12	18 or 36 Weeks	.50 or 1 Credit
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COURSE DESCRIPTION:

This course is designed for students who are Juniors and Seniors who have taken multiple art classes previously and have proved to be self motivated. This course will normally occur during another art class and can be scheduled with flexibility in order to accommodate the student. The class may be taken as a semester course or a year long class. The

goal of the class will be to create a portfolio of 6 to 12 pieces of artwork based on a single theme and created in multiple media with close guidance from the instructor.

Prerequisite: Successful completion of Intro to Art and two other art classes of student choice with a minimum of a B average and teacher approval.

COMMUNITY SERVICE & WORK-BASED LEARNING CREDIT

Community Service is at the heart of civic engagement and character education. Fairless Local Schools offers an independent study credit for approved Community Service projects. These projects must involve the components of research: training, planning, time committed to the service project, and evaluation. All projects must have a teacher of record and a project supervisor. It is possible that the project may involve an approved community partner. Students will be required to keep a portfolio of project attendance and a summary of work completed. The portfolio must be approved in advance and reviewed and signed on a regular basis, as the project proceeds. Thirty (30) hours is required by the teacher of record for one-quarter credit, sixty (60) hours is required for one half credit, and one hundred twenty (120) hours is required for full credit.

Approval of the project must follow the chain of command (i.e., teacher of record, principal, curriculum director). For this reason, advance planning, application and approval is important.

Work-Based Learning

Prerequisite: Placement by referral only

Length: Year course Grade Level: 9, 10, 11, 12

Credit: .50 credit for each 60 hours work

This lab course is designed to enhance the student's skills for becoming a productive employee. Students may be employed in the school or community setting. This will be in addition to completing his or her academic responsibilities. This course is intended to provide the students with skills necessary for success in the workforce. Students will be evaluated regularly. Areas evaluated are attendance, job responsibilities, and attitudes.

ENGLISH LANGUAGE ARTS

INTRODUCTION:

The English Department at Fairless High School is committed to helping students develop strong reading, thinking, and communication skills through their study of literature, grammar, and writing.

All courses in English are designed to prepare students for success following their graduation from high school, particularly for post-secondary education whether that be two or four-year college/university study, technical school, or another educational option. Students will be prepared for the communication and thinking necessary for the workplace.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F105	Foundations of Reading and Writing	9	0.50	18	Placement
F100	English 9	9	1.00	36	Language Arts Grade 8
F110	English 10	10	1.00	36	See course description below
F120	English 11	11	1.00	36	See course description below
F130	English 12	12	1.00	36	See course description below
FCCP150	College Writing	9-12	1.00	18	CCP Placement
FCCP160	Research Writing (College Writing 2)	9-12	1.00	18	CCP Placement
	American Lit: 1865 to Present	9-12	1.00	18	CCP Placement
	British Lit: 1785 to Present	9-12	1.00	18	CCP Placement
FOL145	Classical British Literature	10-12	1.00	1 school year	CCP College Writing and Research Writing with a grade of B or better and a score of at least a 3 (proficient) or higher on the English 1 and English 2 AIR test or an ACT score of 19 in English and 22 in Reading
FOL140	American Literature	10-12	1.00	1 school year	CCP College Writing and Research Writing with a grade of B or better and a score of at least a 3 (proficient) or higher on the English 1 and English 2 AIR test or an ACT score of 19 in English and 22 in Reading
FOL170	AP English Language and Composition	9-12	2.00	1 school year	College Writing and Research Writing, FDA application approval
FOL180	AP English Literature and	9-12	2.00	1 school	College Writing and Research

	Composition			year	Writing, FDA application approval
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FOUNDATIONS OF READING AND WRITING	Gr. 9	18 or 36 Weeks depending if class meets daily or on an alternating day schedule	.50 Credit
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COURSE DESCRIPTION:

Reviews the language arts skills necessary for successful completion of high school English courses. Students in this course are able to earn the elective credit early by demonstrating competency on a practice state assessment in English Language Arts test to be given at the end of the first semester and third quarter.

Placement: Combination of MAP Reading Score and Teacher Recommendation.

Prerequisite: This course is available by placement only for students in need of remedial instruction in skills that are essential for future success in high school level English courses. The course will be pass/fail, non-GPA bearing, and count as elective credit.

ENGLISH 9	Gr. 9	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Critical reading skills across various genres and following the Common Core ELA standards will be emphasized, as well as the analytical and argumentative writing and research skills necessary for ALL students.

Papers will adhere to the MLA format. Study of language usage will be embedded in the writing instruction, but students are expected to have strong grade-level writing skills in terms of writing conventions.

Speaking and listening skills will also be addressed in the course.

Prerequisite: None

ENGLISH 10	Gr. 10	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

This course continues the early college course concept, challenging students who are college-bound and looking to advance to College Credit Plus, and other college-level opportunities. Further, not only will the course prepare students for success on State testing, but attention to the requirements of PLAN, ACT, and other college-entry tests will prepare students for college success and possible scholarship opportunities.

Students will continue their development of critical reading skills across various genres, excelling and extending the Common Core ELA standards, as well as improving their analytical and argumentative writing and research skills necessary for college-bound students.

Papers will adhere to the MLA format. Study of language usage will be embedded in the writing instruction, but students are expected to have strong grade-level writing skills in terms of writing conventions.

Speaking and listening skills will be addressed in the course.

Prerequisites: Successful completion of English 9

ENGLISH 11	Gr. 11	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

This course continues the early college course concept, challenging students who are college-bound and looking to advance to College Credit Plus, and other college-level opportunities. Furthermore, not only will the course prepare students for success on State testing, but attention to the requirements of PLAN, ACT, and other college-entry tests will prepare students for college success and possible scholarship opportunities.

Students will continue their development of critical reading skills across various genres, excelling and extending the Common Core ELA standards, as well as improving their analytical and argumentative writing and research skills necessary for college-bound students.

Papers will adhere to the MLA format. Study of language usage will be embedded in the writing instruction, but students are expected to have strong grade-level writing skills in terms of writing conventions.

Speaking and listening skills will also be addressed in the course.

Prerequisite: Successful completion of English 10

ENGLISH 12	Gr. 12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

This course will finalize English instruction and skills for the smooth transition to post secondary education and/or an occupation. This course will follow the Common Core standards and expectations for Grade 12, continuing to improve reading, writing, speaking, listening, and language knowledge and skills. First semester work will emphasize increasing ACT scores, while always working toward success at entry-level college or career work.

Papers will adhere to the MLA format. Study of writing conventions (grammar, mechanics, usage, and spelling) will be embedded in the writing instruction.

Prerequisite: Successful completion of English 11

CCP Course--Online
COMM 121 - Effective Speaking 3.000 Credit hours This course is designed to introduce students to the process of researching, writing, and presenting speeches. Students will explore the basic theories and principles of oral communication and will write and deliver formal speeches throughout the course. Areas of concentration include researching, outlining, organizing, language, verbal and nonverbal delivery, critical listening, and persuasion.
READINESS CRITERIA
<ul style="list-style-type: none">• Ability to demonstrate independence and read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise.

- ACT/SAT for admission

CCP Course

ENG 11011 - College Writing I

3.000 Credit hours

The study and practice of academic writing, including an introduction to rhetorical principles, the writing process, critical reading, research, and technology.

READINESS CRITERIA

- Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise
- ACT/SAT for admission

<ul style="list-style-type: none"> • ACT English 18+ 	or	SAT Reading and Writing 430+	or	Accuplacer WritePlacer 4 & Reading Comprehension 80+ OR WritePlacer 5+
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CCP Course

ENG 21011 - Research Writing

3.000 Credit hours

3.000 Lecture hours

Continuation of college-level writing instruction and emphasis on research and inquiry, culminating in a lengthy written and/or multi-modal project.

READINESS CRITERIA

- Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise
- ACT/SAT for admission

<ul style="list-style-type: none"> • Minimum grade of C- ENG 11011 	or	ACT English 26+	or	SAT Reading and Writing 600+
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CCP Course--Online

ENG237 - American Lit: 1865 to present

3.000 Credit hours

3.000 Lecture hours

This course surveys American Literature from the mid-to-late nineteenth century to the present. Students will read, discuss, analyze, and write about works by American authors in their historical and cultural contexts. Emphasis will be placed on critical reading of the works and techniques used to analyze them.

READINESS CRITERIA

- Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise
- ACT/SAT for admission

<ul style="list-style-type: none"> Minimum grade of C-ENG 11011 	or	ACT English 26+	or	SAT Reading and Writing 600+
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CCP Course--Online				
ENG234 - British Lit: 1785 to present 3.000 Credit hours 3.000 Lecture hours This course covers British Literature from the Romantic to contemporary periods. Students will read, discuss, and write about works by British authors in their historical and cultural contexts. Emphasis will be placed on critical reading of the works and techniques used to analyze them.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> Minimum grade of C-ENG 11011 	or	ACT English 26+	or	SAT Reading and Writing 600+

Fairless Digital Academy

The following courses are a part of the Fairless Digital Academy (FDA). Admission into these courses begins with an online application approval.

AP ENGLISH LANGUAGE AND COMPOSITION	Gr. 9-12	Must be completed in 1 school year; 2 periods per day	2.0 credits
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Acellus AP English Language and Composition, taught by Acellus Instructor Jairus Tapp, is designed for students who have mastered the basic English curriculum and wish to be challenged by higher-level reading and analysis. Students analyze and interpret good writing and apply effective strategies in their own writing while also preparing for the AP Exam, Acellus AP English Language and Composition has been audited and approved by the College Board.

Prerequisites: College Writing and Research Writing, FDA application approval

AP ENGLISH LITERATURE AND COMPOSITION	Gr. 9-12	Must be completed in 1 school year; 2 periods per day	2.0 credits
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Acellus AP English Literature and Composition, taught by Acellus Instructor taught by Jairus Tapp, is designed for students who have mastered the basic English curriculum and wish to be challenged by higher-level reading and analysis. It engages students in becoming skilled readers and writers of prose from Composition has been audited and approved by the College Board.

Prerequisites: College Writing and Research Writing, FDA application approval

CLASSICAL BRITISH LITERATURE	Gr. 10-12	Must be completed in 1 school year; may be taken 1 or 2 periods per day	1.0 credits
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British Literature is a robust high school English course for accelerated students that examines British Literature as it has developed through the ages against a historical backdrop. It exposes students to classic works of fiction and nonfiction, including epics, legends, poetry, histories, novels, and drama from early Anglo-Saxon texts to post-modern pieces. In addition to the study of literature, the course includes four units focused on writing to give students practice in critical thinking which they translate in written analysis. A strong addition to the writing units is a detailed step-by-step guide through the process of writing a research report, reinforcing students' preparation for their future in college and/or a career.

Prerequisites: CCP College Writing and Research Writing with a grade of B or better, and a score of at least a 3 (proficient) or higher on the state assessment English 2 AIR test or an ACT score of 19 in English and 22 in Reading. FDA approved application.

AMERICAN LITERATURE	Gr. 10-12	Must be completed in 1 school year; may be taken 1 or 2 periods per day	1.0 credits
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Acellus American Literature uses the works of the masters to give the student a well-rounded look at American Literature, beginning with Native American Lore and continuing on through the Modernist Movement. Sprinkled with strategically-placed morsels of grammar and style, this course enhances the student's ability to enjoy and produce literature. Course topics include Early America, Genres of Writing, and Realism, The Modernist Movement, and Annotated Bibliography, Acellus American Literature is taught by Acellus Instructor Deborah Haus.

Prerequisites: CCP College Writing and Research Writing with a grade of B or better, and a score of at least a 3 (proficient) or higher on the state assessment English 2 AIR test or an ACT score of 19 in English and 22 in Reading. FDA approved application.

FAMILY AND CONSUMER SCIENCES

INTRODUCTION: Family and Consumer Sciences (FCS) is a set of courses that draws from a range of disciplines and contexts (education, business, social, economic, cultural, technological, geographical, political) to achieve optimal and sustainable living for individuals, families and communities.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F760	Principles of Food	9-12	.50	18	None
F770	Culinary Fundamentals	9-12	.50	18	None
F750	Child Development	9-12	.50	18	None
F780	Food Science	10-12	.50	18	Principles of Food or Culinary Fundamentals
F790	Global Foods	10-12	.50	18	Principles of Food, Culinary Fundamentals, and Food Science

PRINCIPLES OF FOOD (Foods 1)	Gr. 9-12	18 Weeks	.50 credits
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COURSE DESCRIPTION:

In this course, students will gain knowledge in nutrition, dietary guidelines, interpreting food labels and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout this hands-on course, basic food safety and sanitation techniques will be emphasized.

Prerequisite: None

CULINARY FUNDAMENTALS (Foods 2)	Gr. 9-12	18 Weeks	.50 credits
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COURSE DESCRIPTION:

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on “mise en place”, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques in this hands-on course. Food and kitchen safety knowledge will be reinforced.

Prerequisite: None

CHILD DEVELOPMENT	Gr. 9-12	18 Weeks	.50 credits
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COURSE DESCRIPTION: (Only offered in school years that begin with even numbers)

In this course, students will study the principles of child growth, development and behavior. Emphasis will be placed on prenatal development and the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, theories of development, learning styles, and parenting.

FOOD SCIENCE (Foods 3)	Gr. 10-12	18 Weeks	.50 credits
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COURSE DESCRIPTION:

In this course, students will apply basic culinary practices, and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods, and apply the fundamentals of baking.. This is a hands-on course and will build upon previous knowledge from prior courses.

Prerequisite: Principles of Food or Culinary Fundamentals

GLOBAL FOODS (Foods 4)	Gr. 10-12	18 Weeks	.50 credits
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COURSE DESCRIPTION:

In this student-led course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. Geography and the influence of traditions, regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. Be prepared to travel the world - culinary style!

Prerequisite: Principles of Food or Culinary Fundamentals, and Food Science

GENERAL ELECTIVES

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
FOL701	Agriculture	11-12	1.0	Year-long	Health, Biology, Chemistry; approved FDA application
	Unlocking Potential	9-12	0.25-1.0	Quarter to Year-long	Referral
	College Success Skills/ Ohio Means Jobs Readiness	9-12	1.00/3.00	Semester	CCP Acceptance
FOL796	College and Career Horizons - Honors Diploma Portfolio	11-12	1.0	Year-long	Approved FDA Application and junior or senior standing
FOL703	Teaching Horizons	11-12	1.0	Year-long	Approved FDA Application and junior or senior standing
FOL201	OST Algebra I Review	10-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
FOL101	OST ELA Review	11-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
FOL845	Credentialing	11-12	0.25-1.0	Semester	Retaken Algebra and/or English Language Arts state required tests

UNLOCKING POTENTIAL	Gr 9-12	Quarter to Year-long	0.25 to 1.0 credit
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This course dives into how to view adversities and past experiences as advantages for future success.

Prerequisites: Referral

CCP Course--Face-to-Face				
IDS115 - College and Career Success Skills 3.000 Credit hours This course is designed to aid students in gaining success skills needed for constructive and efficient learning both in college and other life settings. Topics include punctuality and discipline, study and test-taking skills, critical thinking/problem solving, library use, and a variety of techniques in oral and written communication. Other workplace topics such as reliability, teamwork and collaboration, creativity/innovation, leadership, professionalism, techniques to demonstrate a commitment to being drug-free, and respect for global/intercultural awareness will be explored. Students will also self-advocate and articulate their strengths, knowledge, and experiences relevant to success in a job for post-secondary education. Students who complete this course and the mentorship requirements will earn the Ohio Means Jobs Readiness Seal.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				

OHIO DEPARTMENT OF EDUCATION CREDENTIAL	Gr 10-12	Quarter to Year-long	0.25-1.0 credit
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Students earning a credential from the Ohio Department of Education's list of industry-recognized credentials may earn corresponding credits at the ratio of 0.25 credit for every 3-point credential earned. Students who do not meet the competency requirements on the Algebra 1 and English Language Arts 2 state assessments will be required to earn 12 points of industry-recognized credential after retaking the test(s) for which they did not earn the competency score(s). These credits are pass/fail and have no bearing on the student's grade point average.

WHERE CAN I FIND A FULL LIST OF THE INDUSTRY-RECOGNIZED CREDENTIALS?

For a full list of the credentials with Education Management Information System (EMIS) Assessment Area Codes, career fields, and point values, [click here](#).

Full Credential List (This list is linked to the Ohio Department of Education list which is updated annually.)

CAN A STUDENT MIX AND MATCH CREDENTIALS?

Yes, a student may choose any combination of credentials that totals to 12 points **within a single career field**. Students can consult with a counselor, teacher, or other professional to aid in choosing the bundle of credentials that best suits their career aspirations.

Prerequisites: Retested in state assessments of Algebra 1 and/or English Language Arts 2

Fairless Digital Academy

AGRICULTURE	Gr.11-12	Must be completed in 1 school year	1.0 credit
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Online course through Acellus that includes characteristics of facilities, economics, diseases, production, and evaluation of beef, swine, sheep/goat, horse, and poultry businesses as well as animal digestive systems, nutrition, and reproduction. Activities, traditions, and regulations for Future Farmers of America, are also included.

Prerequisites: Health, Biology, Chemistry; approved FDA application

COLLEGE AND CAREER HORIZONS - Honors Diploma Portfolio	Gr. 11-12	Must be completed in 1 school year	1.0 credits
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The College and Career Horizons course provides students with basic knowledge and skills they need, as they prepare for further training in a career or going on to college. Course topics include: Preparing Your Path for Success, Discovering Career Choice Influences, Understanding Yourself, Looking into the Future, Planning Your Internal Career Design, Setting Goals, Understanding Finances, Going from Here to Your Career, and Applying and Interviewing for a Job. As part of this course, students will create a resume portfolio. Also, students will get an overview of many career options and the education, training, and skills required for each. Career Paths include: Agriculture and Natural Resources, Architecture and Construction, Arts and Communication, Business and Administration, Education and Training, Finance and Insurance, Government and Public Administration, Health Science, Hospitality, Tourism, and Recreation, Human Service, Information Technology, Law and Public Safety. Manufacturing, Retail and Wholesale Sales and Service, Scientific Research, Engineering, and Mathematics, Transportation, Distribution, and Logistics.

Prerequisites: Approved FDA Application and junior or senior standing

TEACHING HORIZONS	Gr. 11-12	Must be completed in 1 school year	1.0 credits
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Teaching Horizons course provides students with basic knowledge and skills they need as they prepare for further training in a career or attend college. Course topics include: Preparing Your Path for Success, Discovering Career Choice Influences, Understanding Yourself, Looking into the Future, Planning Your Internal Career Design, Setting Goals, Understanding Finances, Going from Here to Your Career, and Applying and Interviewing for a Job. As part of this course, students will create a resume portfolio. The rest of this course provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, record keeping, and other responsibilities of teachers or other educational personnel. Course topics include: Foundations of Education, Career Options in Education, Effective Teachers, Communication Skills, Teaching Style, Preparing an Effective Learning Environment, Educational Technology, Lesson Planning, Administration, Extra-Curricular Activities, Life Outside the Classroom, and Getting Your Teaching Job.

Prerequisites: Approved FDA Application and junior or senior standing

OST ALGEBRA 1 REVIEW	Gr.10-12	Semester	.50 credit
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This review course offers an online curriculum, which reviews material commonly assessed on the AIR End of Course exam. Students who earned a 1 (limited) or 2 (basic) on the exam, should enroll in this course the next semester, to prepare for the next offering of the AIR exam. The Ohio Department of Education sets the dates for the AIR exams, which usually take place in December and April.

Prerequisites: Approved FDA Application, junior or senior

OST ELA REVIEW	Gr. 11-12	Semester	.50 credit
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This review course offers an online curriculum, which reviews material commonly assessed on the AIR End of Course exam. Students who earned a 1 (limited) or 2 (basic) on the exam, should enroll in this course the next semester, to prepare for the next offering of the AIR exam. The Ohio Department of Education sets the dates for the AIR exams, which usually take place in December and April.

Prerequisites: Approved FDA Application; junior or senior standing recommended

HEALTH

HEALTH	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

Health is a required course for graduation.

The course seeks to present a body of knowledge from the biological and social sciences which is essential for sound decisions in health maintenance, conducive to a proper sense of health values, and in empathy for those who lack these disciplines.

The material covered during a semester of health is quite diversified. Emphasis will be placed on personal health habits but will include desirable knowledge in the following areas:

- Character Development/Decision-Making
- Diseases and Prevention
- First Aid and Prevention, Including CPR
- Health Agencies
- Mental and Physical Behavior Development
- Nutrition
- Organ and Tissue Donation
- Prescription Opioid Abuse Prevention
- Smoking/Smokeless Tobacco
- Alcohol/Illegal Drug Use
- Social Inclusion
- Social Abuses
- Dating Violence Prevention
- Teen Pregnancy, Abstinence

Venereal Disease Education
Suicide Awareness and Prevention

At the conclusion of this course, it is hoped that each student will gain enough information to guide them through life and give knowledge of where to find specialized information for all areas of health

Prerequisite: None

MATHEMATICS

INTRODUCTION:

In recent years, mathematics has become more and more important in many areas of study previously considered to be non-mathematical. With this in mind, we offer a variety of courses directed toward gaining an understanding of all facets of mathematics. The courses form a basis from which the student may enter into technical training programs and/or college, as well as everyday living. A minimum of four math credits is required for graduation.

Mathematics is a medium, through which intellectual growth of the student can be furthered in such areas as:

- Skill in numerical computation
- Development of understanding of mathematical concepts
- Solution of practical problems involving mathematics
- Logical thought patterns
- Insight using method of inquiry

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
	Pre-Algebra	9	0.50	18 or 36	Placement
F200	Algebra I	8/9	1.00	36	None
F210	Geometry	9-10	1.00	36	Algebra 1
F220	Algebra II	10-12	1.00	36	Geometry
F225	Mathematical Modeling & Reasoning	10-12	1.00	36	Geometry
F230	Pre-Calculus	11-12	1.00	36	Algebra 2 or equivalent
F235	Discrete Math and Computer Science	12	1.00	36	Algebra 2 or equivalent
FCCP250	Algebra for Calculus Boost	10-12	5.00	18	CCP Placement
FCCP270	Trigonometry	10-12	1.00	18	CCP Placement
FCCP260	Introductory Stats	11-12	1.00	18	CCP Placement
FCCP280	Analytical Geometry and Calculus I	11-12	1.00	18	CCP Placement
FOL290	AP Calculus BC (Calculus 2)	11-12	1.00	Year-long	MATH 12002, FDA approved application

PRE-ALGEBRA	Gr. 9	18 or 36 weeks depending if it meets daily or on an alternating schedule	0.5 credits
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Course designed for laying the foundation for successful completion of Algebra 1 and scoring a passing grade on the Algebra 1 OST. Students can earn full credit for this course by earning a score of competency on a practice OST Algebra test given at semester and third nine weeks break.

Prerequisite: This course is available by placement only for students in need of remedial instruction in skills that are essential for future success in math. The course will be pass/fail, non-GPA bearing, and count as elective credit.

ALGEBRA I	Gr. 8-9	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

The Algebra I course is required, and is designed as the first course in the high school core curriculum in mathematics. The program intends for students to perceive the importance of deductive reasoning and appreciate the need for accurate algebraic manipulation and precision of algebraic language. It engages students in the areas of expressions, equations, and applications using the symbolic structure of algebra.

Prerequisite: None

GEOMETRY	Gr. 9-10	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Geometry is a required course, and is designed for all students who have completed Algebra I. It is the second course in the core curriculum. Geometry studies the laws of Euclid from both a synthetic and an algebraic perspective. The course includes classifying and representing problem situations with, and deducing properties from, figures both two and three dimensional.

Prerequisite: Successful completion of Algebra I

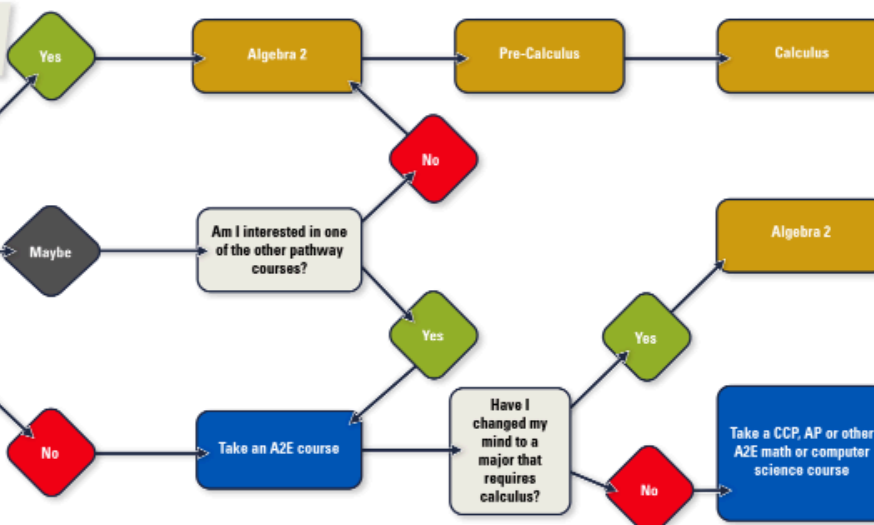
Not sure which course to take?

Take a look at this flowchart from the Ohio Department of Education

Student Decision Tree (Part Two) Majors that Require Calculus



A2E = Algebra 2 Equivalency
CCP = College Credit Plus
AP = Advanced Placement



Majors that Require Calculus

- Actuarial Science
- Accounting
- Agribusiness
- Architecture*
- Astronomy
- Astrophysics
- Aviation (B.S.)
- Biology**
- Biochemistry
- Bioinformatics
- Biomedical Science
- Botany
- Business (B.S.)
- Chemistry
- City and Regional Planning*
- Computer Science (B.S.)
- Data Analytics (B.S.)
- Earth Science
- Economics
- Engineering Science
- Engineering Technology (B.S., B.A.S.)
- Environmental Science
- Exercise Science
- Finance
- Forensic Science
- Forestry, Fisheries, and Wildlife
- Geology**
- Information Science
- Logistics Management
- Marketing***
- Mathematics
- Math or Science Teacher
- Microeconomic Theory
- Neuroscience
- Nutrition Science (B.S.)
- Operations Management
- Physics
- Physiological Optics
- Public Health
- Pre-Health Professional (Doctor, Vet, Pharmacy)
- Real Estate and Urban Analysis

* Check with your local institution. ** Some institutions may require Precalculus for Bachelor of Arts Degrees. *** Check with your local feeder school. Some Marketing programs may require Statistics.

ALGEBRA II

Gr. 9-11

36 Weeks

1.0 Credit

COURSE DESCRIPTION:

This is the required third math course that comes after Algebra I and Geometry. In this course, the concentration is to prepare students for pre-calculus, statistics, calculus and/or dual credit math. Students will learn about different types of functions that include quadratics, polynomials, exponential, logarithmic, and rational. Students will also be introduced to some trigonometric concepts as well as some topics in probability and statistics.

Prerequisite: Successful completion of Algebra I and Geometry

MATHEMATICAL MODELING & REASONING

Gr. 10-12

36 Weeks

1.0 Credit

COURSE DESCRIPTION:

This course is equivalent to Algebra 2 for students whose intent is not to go into science or math related fields requiring Calculus. This course would meet the requirement of a third math course that comes after Algebra I and Geometry. At the conclusion of this course students will be able to choose between Discrete Math and Computer Science, Pre-Calculus or any CCP math course for which the student qualifies to fulfill their 4th math requirements if all other prerequisites for that course are met. **(Counted for graduation as an Algebra II Equivalent Course)**

Prerequisite: Successful completion of Algebra I and Geometry

DISCRETE MATH AND COMPUTER SCIENCE

Gr. 12

36 Weeks

1.0 Credit

COURSE DESCRIPTION:

This course can count towards a student's fourth unit of mathematics. Acquiring foundational knowledge in Discrete Mathematics and basic programming skills are the primary objectives and outcomes of the Discrete Math/Computer Science course. It uses mathematical reasoning and computational thinking in the context of JavaScript and unplugged activities to learn concepts of Discrete Mathematics. Ohio's Learning Standards related to Mathematics and Computer Science are taught along with the data demands of good citizenship in the 21st century. These habits and skills cut across disciplines and other languages, promote perseverance and provide a gateway to successful postsecondary education and a variety of careers.

Prerequisite: Successful completion of Algebra II or Mathematical Modeling & Reasoning

PRE-CALCULUS	Gr. 11-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

This course is for students who have completed Algebra II, and is recommended for students intending to take college level mathematics. The course consists of extensive experiences with functions in algebra, geometry and trigonometry using the graphing calculator in preparation for coursework in Calculus.

Prerequisite: Successful completion of Algebra II or Mathematical Modeling & Reasoning

CCP Course	
MATH 10675 - Algebra for Calculus Boost 5.000 Credit hours Course includes an extensive and rich immersion into the structure of functions. Routine analysis includes discussion of domain, range, zeros, general function behavior (increasing, decreasing, extrema, etc.). Operations with functions, including addition, subtraction, multiplication, division, composition, and inversion. Functions are studied as a tool to analyze rates of change in real-world scenarios. The emphasis is on linear, polynomials, exponential and rational functions, with an extensive problem-solving component. A two-week review of intermediate algebra skills is included in the course, is extra time studying quadratic functions, absolute value functions, systems of equations and extended time on logarithms.	
READINESS CRITERIA	
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 	
<ul style="list-style-type: none"> ACT Math 22 OR ALEKS Math 35+ 	

CCP Course		
MATH 11022 - Trigonometry 3.000 Credit hours Solution of triangles, trigonometric equations and identities		
READINESS CRITERIA		
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 		
<ul style="list-style-type: none"> ACT/SAT for admission 		
<ul style="list-style-type: none"> Minimum grade of C in MATH 10675 	or	ALEKS Math 67+

CCP Course
MATH 10041 - Introductory Stats 4.000 Credit hours An introduction to statistical thinking and statistical methods. Emphasis is on statistical literacy, conceptual understanding and active learning in the classroom.
READINESS CRITERIA
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise
<ul style="list-style-type: none"> ACT/SAT Math score of 22+ for admission
<ul style="list-style-type: none"> ALEKS Math 35+

CCP Course
MATH 12002 - Analytical Geometry & Calculus I 5.000 Credit hours One Semester Course Concepts of limit, continuity, and derivative, and the indefinite and definite integral for functions of one real variable. Maximization, related rates, fundamental theorem of calculus.
READINESS CRITERIA
<ul style="list-style-type: none"> Minimum C in MATH 11022 or 12012 High recommended: Math 11022 (Trigonometry) and/or High School Pre-Calculus
<ul style="list-style-type: none"> ACT/SAT for admission
ALEKS Math 78+

Fairless Digital Academy

The following course is a part of the Fairless Digital Academy (FDA). Admission into this course begins with an online application approval.

AP CALCULUS BC (Calculus 2)	Gr. 11-12	Must be taken in 1 school year; 2 periods per day	2.0 credits
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Acellus AP Calculus is a two-part advanced placement course providing students with the curriculum required by the College Board for AP Calculus AB and BC. Students completing this course will be able to take the AP Calculus exam, enabling them to earn college credit for taking this course while still in high school. Besides learning how to use the basic tools of Calculus, students completing this course learn on a deeper level what they are really doing, and why it works. This provides insight few students experience in more conventional Calculus courses, empowering them with the knowledge required to solve real world problems. Acellus AP Calculus BC is taught by veteran AP Calculus teacher, Patrick Mara. This course has been audited and approved by the College Board.

Prerequisite: CCP Calculus 1, FDA approved application

MEDIA & TECHNOLOGY

INTRODUCTION:

The Media Technology courses at Fairless High School recognize the importance of technology applications to every student, and the need for a foundational knowledge in economics and financial management. We offer a selection of courses to prepare students for the world of work and postsecondary education.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F440	Financial Literacy	9-12	.50	18	None
F800	Media 1	9-12	1.00	36	None
F815	Video Production II, III, IV	10-12	1.00	36	Media 1
F805	Graphics Media II, III, IV	10-12	1.00	36	Media 1
F820	Yearbook II, III, IV	10-12	1.00	36	Media 1
F810	Podcasting II, III, IV	10-12	1.00	36	Media 1
	Business Law & Ethics	9-12	1.0	Semester	CCP Placement
	Computer Applications	9-12	1.0	Semester	CCP Placement

FINANCIAL LITERACY	Gr. 9-12	18 Weeks	.50 Credit
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COURSE DESCRIPTION:

The objective of this course is to teach students financial skills and strategies that apply to seven major areas they will encounter after graduation. These include career and financial planning, banking and investing, consumer credit and purchase decisions, home purchase/rental decisions, risk and insurance, consumer fraud and protection, taxes, and personal law. ***This course is required for students in the Class of 2026 and beyond.***

Prerequisite: None

MEDIA 1	Gr. 9-12	3618 Weeks	.50 Credit
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COURSE DESCRIPTION:

Introduction to photo editing apps, graphics creation, and posting on social media. This class is designed to also give students hands-on experience in video production. Students will work on researching and developing relevant and interesting stories, interviewing, storyboarding, operating and caring for video equipment, filming primary shots and B-roll, writing scripts, delivering and recording voice overs, anchoring, and video editing. Students will learn the basic mechanics of producing a weekly podcast. From cutting audio to creating RSS feeds which this course will cover it all. In addition to granting students the working knowledge of podcast production, students will also develop skills in advertisement writing, research procedures, and long format public speaking. After taking this class, students may sign up to take Video Production, Graphics Media, Yearbook, or Podcasting.

BROADCASTING II, III, IV	Gr. 10-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Students in this class work as a team known as Falcon Media to produce Fairless High School's Daily Announcements and Friday Highlights Videos for the Fairless Falcon Media YouTube Channel. Job roles include anchoring, filming, creating ads for, and editing the Daily Announcements. For Friday Highlights, students may work individually or on a team, to film the people and events of Fairless. The types of videos we produce include interviews, highlights, and game shows. In addition, this class produces videos for the Fairless Hall of Honor Ceremony, pep rallies, and other special occasions.

Prerequisite: Media 1

GRAPHICS MEDIA II, III, and IV	Gr. 10-12	36 Weeks	1.00 Credit
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COURSE DESCRIPTION:

Students will learn about graphics media technology, with an emphasis on player and coach interviews, information of players/schedules/opponents and animations from recorded media (partnering with the Video Production class), as well as creating the presentations which will be displayed on the school's various media outlets.

Prerequisite: Media 1

PODCASTING II, III, and IV	Gr. 10-12	36 Weeks	1.00 Credit
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COURSE DESCRIPTION:

Podcasting II will focus on groups producing a 12 episode series to be released digitally for mass consumption on a weekly basis. Each series content will be decided upon by the members of each group and will follow a pre-mapped order of events. Groups will be responsible for all elements of the production process and will maintain all rights to their "I.P." at the conclusion of the course. Course may not be used as core English credit to satisfy graduation requirements.

Prerequisite: Media 1

YEARBOOK II, III, and IV	Gr. 10-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Students enrolled in this elective course will be responsible for creating and publishing the school yearbook. Students will receive instruction from the yearbook advisor, a contracted photographer, and the Jostens representative. Students will secure \$500 in advertisements through individual contact with businesses, fill out business contracts, write invoices and thank-you letters, design pages and spreads, take digital photographs, crop photographs, reduce/enlarge photographs, and place digital and/or hard copy photographs on pages and spreads. Students will be required to coordinate photography sessions and interviews with staff, students, and school organizations. Students may also be required to attend after-school functions to obtain photos.

Prerequisite: Media 1 and Students must complete an application form and be approved by the advisor/teacher. It is also recommended that students have at least a 3.0 GPA.

CCP Course–In Person class and lab (5 days per week)				
ITD122 Computer Applications 3.000 Credit hours Computer Applications for Professionals familiarizes students with major Windows-based applications software and introduces the Windows operating system, the Windows networking environment, and practices file and folder maintenance. The focus of the course is to provide students with basic understanding and competence in industry-standard word processing, spreadsheet, database, and presentation software applications that are used to solve scientific, business, and engineering problems.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Online				
ACC130 Business Law & Ethics 3.000 Credit hours An examination of the functions of the legal system in the business environment. This course includes the study of traditional business law topics and other basic topics applicable to business. A close examination of the intersection between professional ethical decision-making and the legal system as it applies to business. Upon completion, students should be able to demonstrate competence in the fundamental concepts of business law and ethics.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence and read purposefully and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

Fairless Digital Academy

The following courses are a part of the Fairless Digital Academy (FDA). Admission into these courses begins with an online application approval.

MUSIC

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F660	Jazz Band	9-12	1.00	36	Band member
	Silver Wings	9-12	1.00	36	Audition Choir Member
F640	Chorale	9-12	1.00	36	None
	Honor Choir	10-12	1.00	36	Audition
F650	Concert Band: Symphonic Band Wind Ensemble	9-10 11-12	1.00	36	None
F680	Music Technology, Production, and Design	9-12	1.00	36	None

JAZZ BAND	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course is offered to any student already involved in the band program. The ensemble focuses on a variety of music from jazz to swing to pop. Instrumentation is limited to traditional jazz band instrumentation of sax, trumpet, trombone, keyboards, drum set, bass, and guitar.

Prerequisite: Band member

SILVER WINGS	Gr. 10-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Singing and dancing are combined in this course to create themed shows. This performing ensemble is for students already involved in the choir program. A wide variety of musical styles will be studied and performed. Placement by audition.

Prerequisite: Audition, member of the choir.

ADVANCED CHOIR	Gr. 10-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This is an auditioned ensemble. Students will study more advanced choral music, attend Solo & Ensemble events, as well as outside honors events. This performing arts ensemble involves performances within and outside of the school day, which are a required part of the class.

Prerequisite: Audition

CHORALE	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course is open to non-auditioned ensemble for beginning choir students. This performing arts ensemble involves performances within and outside of the school day, which are a required part of the class.

Prerequisite: None

CONCERT BAND: SYMPHONIC BAND/WIND ENSEMBLE	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course offers students a wide range of musical experience from parades to concerts of serious music. Emphasized are the development of good ensemble playing, musical interpretation, and the performing of instrumental music in a variety of musical styles. It is recommended that ALL students perform together in the Falcon Marching Band, and then are divided into the Wind Ensemble and Symphonic Band by seating audition. This performing arts ensemble involves performances within and outside of the school day, which are a required part of the class.

Prerequisite: Band member

MUSIC TECHNOLOGY, PRODUCTION, AND DESIGN	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course is an introduction to the information and technology used in producing live and recorded music. It focuses on the practical application of music technologies, in a variety of situations. Students will use team-work, hands-on experiences and project-based learning to develop skills and knowledge behind the scenes in music. This course will require after-school commitments determined at the start of each semester.

Prerequisite: None

PHYSICAL EDUCATION

INTRODUCTION:

Ohio requires .50 credits in physical education for graduation. All students in P.E. will participate in the Ohio Physical Education Assessment.

The Fairless Board of Education has discontinued the Physical Education Waiver Option starting with the class of 2025.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F700	Physical Education	9-12	0.25	18	None
F715	Sports Nutrition	10-12	0.25	18	Teacher Approval
F710	Weight Training	10-12	0.25	18	Teacher Approval
F730	Sports Officiating	9-12	0.25	18	Teacher Approval

PHYSICAL EDUCATION	Gr. 9-12	18 Weeks	.25 credits
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COURSE DESCRIPTION:

PE is a required physical education course in which students gain the knowledge needed in establishing and maintaining a physically active lifestyle. Students will use physical education facilities and classroom instruction to assess, improve, and maintain their health and wellness levels. This course will give students the knowledge needed to live a healthy lifestyle.

Senate Bill 210 requires schools to assess students on six standards in physical education. Students will be assessed on these six standards in Physical Education.

Physical Education Assessment Standards:

1. Demonstrates competence in motor skills and movement patterns needed to perform a variety of physical activities.
2. Demonstrates understanding of movement concepts, principles, strategies and tactics as they apply to the learning and performances of physical activities.
3. Participates regularly in physical activity.
4. Achieves and maintains a health-enhancing level of physical fitness.
5. Exhibits responsible personal behavior and social behavior that respects self and others in physical activity settings.
6. Values physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

Prerequisite: None

SPORTS NUTRITION	Gr. 10-12	18 Weeks	0.25 credits
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COURSE DESCRIPTION:

This elective course is geared towards the student athlete and stresses character building, healthy eating, and the overall health and well-being of an athlete.

Prerequisite: Teacher Approval

WEIGHT TRAINING	Gr. 10-12	18 Weeks	0.25 credits
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COURSE DESCRIPTION:

The teacher will work with the athletic director, coaches, and students to develop appropriate weight lifting plans for each student athlete. This course will count towards the required physical education credits for graduation.

Prerequisite: Teacher Approval

SPORTS OFFICIATING	Gr. 9-12	18 Weeks	0.25 credits per semester
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COURSE DESCRIPTION:

Web-based instructional modules, combined with interactives and activities to understand the mechanics and philosophy of officiating, provide learners with engaging classroom activities. Comprehension quizzes at the end of each module ensures learners are building a solid foundation of understanding before they ever officiate their first contest. Access to the patented point-of-view video scenarios allows learners to make the call and get instant feedback from their movements. Students then put what they learn into action by participating in practice/scrimmage settings to hone mechanics and get a true feel for the game. The state licensure exam is recommended to serve as the course's final assessment and officiating two real games in a local recreation or community league setting is recommended as micro-internships. This course may be taken multiple times to add credentials for additional sports.

Students will be required to participate in five outside of class officiating and interview opportunities through the semester for credit.

Prerequisite: Teacher Approval

SCIENCE

INTRODUCTION:

The science curriculum strives to teach a basic understanding of scientific principles and concepts. The goals of the science department are the following:

1. To develop techniques and skills through inquiry and demonstrations.
2. To develop information between subject areas and grade levels.
3. To develop the use of individual involvement through experimentation.
4. To learn to communicate facts and ideas in written form as well as through the use of tables, graphs and formulas.
5. To develop an understanding in subject areas so that students will be prepared to interpret scientific ideas throughout their lives.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F300	Physical Science	9	1.00	36	None
F310	Biology	10	1.00	36	Physical Science
F320	Chemistry	11-12	1.00	36	Biology and Algebra I
F325	Physical Science II	11-12	1.00	36	Biology (cannot have already taken Chemistry)
F330	Physics	12	1.00	36	Algebra II or Equivalency or CCP Trigonometry and Chemistry
	Astronomy	11-12	0.5	18	Biology
	Meteorology	11-12	0.5	18	Biology
	Anatomy and Physiology	12	1.00	36	Biology, Chemistry and Dept. Approval
F305	Aviation Science 1	9-12	1.00	36	None
	Aviation Science 2	10-12	1.00	36	Aviation 1 + approval
	Aviation Science 3	11-12	1.00	36	Aviation 2 + approval
	Aviation Science 4	12	1.00	36	Aviation 3 + approval and Algebra 2 or equivalent
FCCP360 FCCP360L	General College Physics1 with Lab	11-12	1.00/5.00	18	CCP Placement

FCCP350	CCP Frontiers in Astronomy and lab	11-12	1.00/4.00	18	CCP Placement
	CCP General Biology I	11-12	1.00/4.00	18	High School Biology and CCP Placement
	CCP General Biology II	11-12	1.00/4.00	18	BIO141 and CCP Placement
FOL840	Language and Science of Medicine	11-12	2.00	Year-long	Health, Biology, chemistry with grades of B or better; earned a score of at least a 3 (proficient) in the AIR Biology test, approved FDA application
FOL702	STEM Field Experience	12	0.5	120 clock hours	Senior standing and on a pathway leading towards the STEM honors diploma

ANATOMY AND PHYSIOLOGY	Gr. 12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Anatomy-Physiology is an elective class that covers the study of human structure and organ system functions. This course is designed as an introduction to human systems for students intending to pursue a health-related career. Instruction includes numerous dissections.

Prerequisite: Senior standing and successful completion of Biology, Chemistry and have a Department recommendation.

ASTRONOMY	Gr. 11-12	18 Weeks	0.5 credits
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COURSE DESCRIPTION: This course is designed to introduce students to the wonders of the universe. Students will explore the fundamental concepts of astronomy, learn about the solar system, stars, galaxies, and the universe as a whole. Through a combination of lectures, discussions, observations, and hands-on activities, students will develop a deeper understanding of the scientific method and the process of astronomical research.

Prerequisite: Biology

AVIATION SCIENCE 1	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This introductory course will provide the foundation for advanced exploration in the areas of flying and unmanned aircraft systems. Students will learn about the engineering process, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible.

Students will look at the problem-solving processes and innovative leaps that took space exploration from the unimaginable to the common in a single generation. Students will also gain an historical perspective starting from the earliest flying machines to the wide variety of modern aircraft and the integral role they play in making today's world work.

Prerequisite: None for the first level of this course series. Higher level courses will require completion of the previous course level and teacher approval.

AVIATION SCIENCE 2	Gr. 10-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course qualifies as an advanced science course. Students will begin with an exploration of the types of aircraft in use today before going on to learn how aircraft are made and how they fly. Students will understand how aircraft are categorized, be able to identify their parts, and learn about aircraft construction techniques and materials. They will gain an in-depth understanding of the forces of flight—lift, weight, thrust, and drag—including how to make key calculations. They will then touch on aircraft design, looking at stability, aircraft controls, and maneuvering flight. Beginning with aircraft propulsion, students will learn about the different types of engines that produce thrust to propel an aircraft or UAS. They will go on to explore other key aircraft systems, including fuel, electrical, landing gear, and environment. In order to fly an aircraft safely, students must also learn about the flight instruments associated with each system and how to identify and troubleshoot common problems. This unit also covers airplane flight manuals, the pilot's operating handbook, and required aircraft documents. Finally, students will learn about the factors that affect aircraft performance and how to determine critical operating data for aircraft. Completion of this course with a grade of B or higher will earn the State Science Seal for graduation.

Prerequisite: Aviation 1 completed with a year average of C or higher and teacher approval.

AVIATION SCIENCE 3	Gr. 11-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course is a STEM elective meaning that it could count towards math, science, or elective credits for graduation. This course is foundational for both manned and unmanned aviation, and will prepare students to take either of two Federal Aviation Administration tests: the Private Pilot Knowledge Test (with a certified ground instructor's endorsement) or the Part 107 Remote Pilot Knowledge Test. Topics include: pre-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, flight deck management, and emergency procedures. This course meets the requirements of an advanced science course. Completion of this course with a B or better will earn the State Technology Seal for graduation.

Prerequisite: Aviation 2 completed with a year average of C or higher and teacher approval.

AVIATION SCIENCE 4	Gr. 12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course is a STEM elective meaning that it could count towards math, science, or elective credits for graduation. Students will examine advanced aviation topics and aviation career options. Instrument flight, commercial aviation, and advanced aircraft systems begin the semester. Looking into the future, students then explore new horizons in the aerospace industry. What might aviation look like five, ten, or twenty years into the future? The focus then turns to business development opportunities in aviation. Finally, students learn about and conduct different types of research in preparation for their capstone project in the second semester. Students who successfully complete this course will earn the Ohio Means Jobs State Seal for graduation.

Prerequisite: Aviation 3 completed with a year average of C or higher and completion of Algebra 2 or its equivalent and teacher approval.

BIOLOGY	Gr. 10	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Biology is a required course that covers the study of life. This course covers cellular biology, including organelles, homeostasis, energy transfers, respiration and genetics. The structure and function of DNA is studied and related to protein synthesis. The course shifts to study earth history, genetic changes over time, and classification. Finally, biomes, ecology, and environmental science are studied.

Prerequisite: Successful completion of freshman level Physical Science

CHEMISTRY	Gr. 11-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Chemistry is an elective lab course, which deals with the composition of matter and the changes it undergoes. The course topic may include atomic structure, chemical bonding and nomenclature, the mole concept, stoichiometry, quantum mechanics, chemical reactions, periodicity, quantum theory, nuclear, gas laws, heat and energy related to chemical composition and change, and acid/base theory. Many of the major ideas presented, will be further developed through hands-on activities, laboratories, and technology. This course is recommended to provide students a foundation on which to base post-high school instruction.

Prerequisite: Successful completion of Algebra, Biology, and department recommendation. Algebra II or equivalence or higher is recommended to be taken concurrently. A scientific calculator is required.

METEOROLOGY	Gr. 11-12	18 Weeks	0.5 credits
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COURSE DESCRIPTION: This course introduces the fundamental physical processes in the atmosphere—heat and energy, temperature, pressure, wind, clouds, precipitation, and stability. These concepts provide the basis for understanding weather systems, such as thunderstorms, tornadoes, and hurricanes. These processes are also applied to climatic patterns.

Prerequisite: Biology

PHYSICAL SCIENCE	Gr. 9	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Physical Science is a required course for all freshmen, which will provide students with a general, foundational background in chemistry and the physics of the universe. Students will develop an understanding of the relationship between matter and energy. Insights will be developed as to how scientific knowledge is acquired. Specific topics will include the scientific method, structure and states of matter, descriptive chemistry, types of energy, energy transformations, conservation of energy, forces & motion, and galaxies.

Physical Science is a prerequisite for all upper-level science courses.

Prerequisite: None

PHYSICAL SCIENCE II	Gr. 11-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Advanced Physical Science is a lab course that is designed as a third science credit for upperclassmen who do not intend to pursue a college degree in a STEM-related field. The course will investigate physical motion, forces, waves, and energy with less emphasis on math skills than Physics. Astronomy will also be incorporated into this course. Chemistry principles are also covered with a less mathematical approach. T

Prerequisite: Successful completion of Biology and department recommendation. Cannot have already taken Chemistry.

PHYSICS	Gr. 12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This course addresses the concepts of classical physics. Knowledge of algebra and basic trigonometry are highly recommended for the course. This course is aimed at developing a thorough understanding of important physical principles such as dimensional motion, forces, work, energy, power, torque, waves, sound, electricity, and magnetism. Knowledge of these principles allows students to explore through labs and student-generated projects. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems and projects are major goals of the course.

Prerequisite: Successful completion of Algebra II or Equivalence or CCP Trigonometry and Chemistry. A scientific calculator is required.

CCP Course
BIO 141 General Biology I with lab 4.000 Credit hours 3.000 Lecture hours 1.000 Lab hours This course explores general biological problems and processes as they are experienced by all living organisms: plant and animal diversity, evolution, basic plant and animal systems, hormones, immunology, and ecology. Specific topics for this course include origins and biodiversity of life through an evolutionary survey of viruses, bacteria, plants and animals; the principles of biological classification; the identification and dynamics of biological ecosystems; and the design and reporting of biological

research. The supporting laboratory aligns with lecture and topics include examination and dissection of representative organisms to show evolutionary progression; exploration of phylogenetic concepts and analysis; and evaluation of local ecosystems to identify population dynamics and the effects of pollution. Students will design, conduct, and report the results of a research experiment using the scientific method.

READINESS CRITERIA

- High School Biology
- ACT/SAT for admission, CCP eligibility requirements

CCP Course

BIO 142 General Biology II with lab

4.000 Credit hours

3.000 Lecture hours

1.000 Lab hours

Explores general biological structures and processes experienced by all living things. Topics include: Organization of life from sub cellular to systems homeostasis, how cells harvest energy and the fundamentals of molecular biology that drive genetic inheritance, evolution and population diversity. Supporting laboratory aligns with lecture topics and includes: quan/qual analysis of biomolecules, observing plant and animal cell structure and function, basic genetic analysis and examination of population dynamics.

READINESS CRITERIA

- BIO141
- ACT/SAT for admission, CCP eligibility requirements

CCP Course

PHY 13001 and PHY 13021 - General College Physics 1 with Lab

5.000 Credit hours

4.000 Lecture hours

1.000 Lab hours

Principles of mechanics, heat and sound.

READINESS CRITERIA

- Math 11022 with a minimum C grade.
- ACT/SAT for admission, CCP eligibility requirements

CCP Course

PHY 21430 and PHY 21431 (lab) - Frontiers in Astronomy and lab

4.000 Credit hours 3.000 Lecture hours 1.000 Lab hours Modern description of astrophysical observations, the results of these observations and the physical principles based on them. Not counted toward requirements for physics major.					
READINESS CRITERIA					
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise. 					
<ul style="list-style-type: none"> ACT/SAT for admission 					
Qualifying test score	ACT Reading 20+	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

Fairless Digital Academy

The following classes are part of the Fairless Digital Academy (FDA). Admission to these courses begins with an online application approval.

LANGUAGE AND SCIENCE OF MEDICINE	Gr. 11-12	May be taken over two school years; 1 period for 2 years or 2 periods for 1 year	2.0 credits
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Language and Science of Medicine provides general study skills and a firm foundation for students preparing for postsecondary education to pursue a career in the medical field. Anatomical instruction is coupled with the investigation of key related terminology not only dealing with “what”, but also “why” and “how”, allowing students to apply the information. Specifically, students explore the structures, functions, and terms related to disease and the bodily systems, including the skeletal, muscular, cardiovascular, lymphatic, respiratory, digestive, nervous, integumentary, endocrine, and reproductive systems. Students learn about specific health care professions and the unique role each plays. Through the study of this material, students learn effective deciphering skills enabling them to decode medical terminology they have seen and terminology to which they are yet to be exposed. The second part of this course reinforces topics from high school chemistry and prepares students to further explore chemistry topics.

Prerequisite: Health, Biology, Chemistry with grades of B or better; earned a score of at least a 3 (proficient) in the AIR Biology test, approved FDA application

SPECIAL EDUCATION

INTRODUCTION:

The special education department provides instruction, practice, accommodations, and progress monitoring of student goals.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
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F	Intervention	9-12	1.00	36	Must be placed on an Individual Education Plan and have a period of intervention daily
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INTERVENTION	Gr. 9-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

Students utilize one class period per day to work in small groups with an intervention specialist on their personal educational goals. This class will assess the growth of a student toward reaching their goals. There is an emphasis on growing personal and academic skills that will assist the student in all classes. This class may be taken multiple times throughout high school but no more than one credit may be earned per year. Grades for this course are pass (P) which earns a credit but has no weight on the student's grade point average.

Prerequisite: Students who are on an individual education plan and receive specially designed instruction for at least one period per day with an intervention specialist.

SOCIAL STUDIES

INTRODUCTION:

Social Studies focus on people, the world, and the relationship between the two. Social Studies are those instructional courses, programs, and projects, designed to assist you to understand, analyze, react to, and act upon:

1. The relationship of human beings to the world in which they live;
2. The relationship of human beings to other human beings; and/or
3. The relationships of human beings to themselves

Social Studies are designed to use history, to teach the future, by understanding the past and how to react to that future.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F400	Modern World History	9	1.00	36	Government and American History
F410	American History	10	1.00	36	None
F445	Psychology	11-12	0.50	18	Junior/Senior standing
	Sociology	11-12	0.50	18	Junior/Senior standing
F430	World Geography	9-12	0.50	Semester	Co-requisite: Global Foods
F420	American Government & Economics	9 -12	1.00	36	None
	Political Science	11-12	1.00	Semester	CCP Placement
	General Psychology	11-12	1.00	Semester	CCP Placement
	Microeconomics	11-12	1.00	Semester	CCP Placement
	Intro to Sociology	11-12	1.00	Semester	CCP Placement
	Ethics	11-12	1.00	Semester	CCP Placement
	US History I: to 1877	10-12	1.00	Semester	CCP Placement
	US History II: from 1877	11-12	1.00	Semester	CCP Placement
	World Civilization from 17th Century	11-12	1.00	Semester	CCP Placement
	Cultural Diversity	11-12	1.00	Semester	CCP Placement
	Human Growth and Development	11-12	1.00	Semester	CCP Placement

	Dynamics of the Family	11-12	1.00	Semester	CCP Placement
FOL490	AP World History	11-12	2.00	Year-long	World History, American History; successful completion of a CCP or AP English course and a score of at least 3 (proficient) or higher on the American History AIR test, FDA approved application
FOL470	AP European History	11-12	2.00	Year-long	World History, American History; successful completion of a CCP or AP English course and a score of at least 3 (proficient) or higher on the American History AIR test, FDA approved application
FOL480	AP US History	11-12	2.00	Year-long	World History, American History; successful completion of a CCP or AP English course and a score of at least 3 (proficient) or higher on the American History AIR test, FDA approved application

MODERN WORLD HISTORY	Gr. 11-12	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This is a required course which historically commences at 1750, during the Age of Enlightenment, and concludes with the contemporary global conditions facing people and societies. Emphasis will focus on a broad range of concepts ranging from Enlightenment ideas and how their impact changed society, the global impact of the Industrial Revolution in Europe, the impact of colonialism in Africa, Asia, and Latin America, the global connections between World War I and World War II, and how the Cold War impacted people and cultures throughout the world. The course will present an introduction to economic principles such as factors of production, scarcity, economic systems, and macroeconomic applications.

Prerequisites: None

AMERICAN HISTORY	Gr.10	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This is a required course covering an American History survey, beginning with the post-Civil War era to the present. Emphasis will focus on concepts such as imperialism and expansion, economic depression and growth, domestic and foreign policy, Cold War diplomacy and policy, and social and cultural changes relevant during this time period.

Prerequisite: None

PSYCHOLOGY	Gr. 11-12	18 Weeks	0.5 credits
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COURSE DESCRIPTION:

This is an elective course, introducing the field of psychology as an exploration into the scientific study of behavior and mental processes. Students will discover how humans develop and relate to others both physically and emotionally. Throughout the year, students will examine many concepts and theories. The use of class discussions, research, experiments and projects will enable students to evaluate and think critically about specific theory. Specific topics include:

Learning & Problem Solving	Multiple Intelligences	Adjustment to Society
Memory	Disorders & Diseases	Sensation & Perception
Physical & Motor Development	Adult & Old Age	Consciousness
Cognitive Development	Personality	Childhood & Adolescence
Motivation & Emotion	Stress & Conflict	Treatment & Therapy

Prerequisite: Junior/Senior standing only

Sociology	Gr. 11-12	18 Weeks	0.5 credits
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COURSE DESCRIPTION:

Sociology is an introductory course designed to explore the complexities of human society and social interaction. Through the lens of sociological theory and research methods, students will develop a critical understanding of social structures, cultural norms, and individual behavior.

WORLD GEOGRAPHY	Gr.9-12	36 Weeks	0.5 credits
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COURSE DESCRIPTION:

This course will examine the geographic make-up of our planet, the Earth's active processes, and how the Earth's physical features influence human behavior. Students will study how different societies gain and use resources and how access to valuable resources can lead to conflict and tension. This course will include an introduction to geography, physical geography, human geography, and explore how these topics play out in specific regions in our world. Students will examine the impact geography has on history, culture, economics and politics with the goal of improving student geographic literacy, critical thinking, and problem-solving skills - all of which better prepare students for the challenges of an increasingly interconnected global community. This World Geography course also places an emphasis on conducting research and analyzing primary and secondary sources and is designed to prepare students for higher-level social science courses.

AMERICAN GOVERNMENT & ECONOMICS	Gr. 9	36 Weeks	1.0 credits
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COURSE DESCRIPTION:

This required course is an examination of the theory and basic principles, upon which the United States form of government is based. It is an examination of how the government works. An attempt is made to illustrate those instances where the real operations of government coincide with the theory, as well as where they do not coincide, and the reasons for these discrepancies. The theory and basic principles of economics. Economic concepts, theories, economists, and effects of governmental policies on the economy will be examined.

Current events are stressed in order to give students working examples of textbook materials as well as to illustrate current governmental problems and issues, which affect students' lives. Examples are taken from domestic and foreign affairs. The course stresses the federal government with a special emphasis given to the American Constitution and founding documents, but also includes state and local government.

Students are also expected to learn about differing forms of government in today's world and compare such forms to American democracy. **This is a required course for graduation.**

Prerequisite: Jr/Sr standing

CCP Course--In-Person Class				
PSC121 - US Government and Politics 3.000 Credit hours This course will study the American political system.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission, CCP eligibility requirements (meet one assessment area below) 				
<ul style="list-style-type: none"> ACT Reading 22+ ACT English 18+ ACT Math 22+ 	or	<ul style="list-style-type: none"> SAT Reading and Writing 480+ SAT Math 530+ 	or	<ul style="list-style-type: none"> Accuplacer Reading Comprehension 250+ Accuplacer Write 5 Accuplacer Math 263

CCP Course--Online				
PSY121 - General Psychology 3.000 Credit hours This course will study psychology.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--In Person				
HIS121 - US History I: to 1877 3.000 Credit hours This course will cover the major trends and ideas in American history from the first settlements in North America to the end of the Civil War and Reconstruction. The economic, social, political and religious beliefs and issues affecting the growth and development of the American nation will be examined, along with the issues that produced conflict in the formative years of our history. Topics include: early settlements and immigration, the growth of the colonies, the American Revolution, westward expansion, sectional conflict and the Civil War. TAG approved OHS010 effective Spring 2012. TMAH approved Spring 2012.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--In Person				
HIS122 - US History II: from 1877 to present 3.000 Credit hours This course will cover the major trends and ideas in American History from the end of Reconstruction to the present. The economic, social, political and religious beliefs and issues affecting the growth and development of the American nation will be examined. Topics discussed will include Industrialization, Immigration, Suffrage, the Great Depression, World War II, the cold War, Vietnam, the youth movement of the 1960s, Watergate, the Reagan Era, and the United States in the 21st Century.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--In Person				
HIS222 - World Civilization from 17th Century 3.000 Credit hours This course will study world history from the mid-17th century to the present.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Online				
PHL122 - Ethics 3.000 Credit hours Uses historical and contemporary theories to examine the role and application of ethics to a variety of personal and professional modern-day situations.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Hybrid with In-Person Fairless Teacher as a Facilitator					
BUS221 - Microeconomics 3.000 Credit hours 3.000 Lecture hours An in-depth study of microeconomics concepts and principles such as supply and demand, price elasticity, production costs, different market structures, income distribution, marginal analysis, and other issues relating to global economics. Upon completion of this course, students should be able to demonstrate an understanding of these topics and be able to apply them to business.					
READINESS CRITERIA					
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 					
<ul style="list-style-type: none"> ACT/SAT for admission 					
<ul style="list-style-type: none"> Qualifying test score 	ACT Math 22+	or	SAT Math 520+	or	ALEKS Math 45+

CCP Course--Online				
SOC121 - Intro to Sociology 3.000 Credit hours Scientific approach to understanding social interaction, institutions and organization.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Online

SOC123 Dynamics of the Family 3.000 Credit hours Explores various social and psychological approaches to family analysis, with emphasis on the family as a system. The transformation of the structure and function of the family from the traditional family to a more diverse definition of family is examined in relationship to changing roles and life issues.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Online				
PSY123 Human Growth and Development 3.000 Credit hours A study of normal physical, mental, emotional and social development and changes in the development of the individual from prenatal to old age.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

CCP Course--Online				
SOC225 Cultural Diversity 3.000 Credit hours Provide students with an understanding of the cultural diversity of our changing society. Students will examine and discuss the diverse values and characteristics of ethnic and minority populations and how those values influence society, social and economic processes, and race relations.				
READINESS CRITERIA				
<ul style="list-style-type: none"> Ability to demonstrate independence, read purposefully, and listen attentively to gain both general knowledge and discipline-specific expertise 				
<ul style="list-style-type: none"> ACT/SAT for admission 				
<ul style="list-style-type: none"> ACT Reading 20+ 	or	SAT Reading and Writing 460+	or	Accuplacer Reading Comprehension 80+

The following courses are a part of the Fairless Digital Academy (FDA). Admission into these courses begins with an online application approval.

AP European History	Gr. 11-12	Must be completed in 1 school year; 2 periods per school day	2.0 credits
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In the Acellus AP European History course, students learn about the cultural, economic, political, and social developments that have shaped today's world by studying European history from 1450, to the present. Students study the great awakening referred to as the Renaissance, as well as the reformations that took place during this critical time in history. They study the religious tensions and wars of this period, as well as revolutions, industrialization, liberalism, conservatism, and nationalism. They also learn about socialism and Marxism, the second industrial revolution, and the World Wars. They go on to study Europe in the Twentieth Century, with its technology, religious and social transformation, its feminism, its "modern" women, and its new political voices and social life. This course has been audited and approved by the College Board to provide students with a college-level learning experience. Acellus AP European History is taught by Acellus Course Instructor, Paul Sargent.

Prerequisite: World History, American History, successful completion of at least one CCP or AP english course and a score of a least 3 (proficient) or higher on the American history AIR test.

AP US History	Gr. 11-12	Must be completed in 1 school year; 2 periods per day	2.0 credits
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The Acellus AP United States History course is taught by Todd Edmond. In this course students not only learn the history of this great country but take a thematic approach to the causes and effects of historical happenings. Acellus AP U.S. History has been audited and approved by the College Board.

Prerequisites: World History, American History, successful completion of at least one CCP or AP English course and a score of at least 3 (Proficient) or higher on the American History AIR test

AP World History	Gr. 11-12	Must be completed in 1 school year; 2 periods per day	2.0 credit
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This course focuses on world history from 8000 BCE to present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods and develop the same thinking skills and methods employed by historians when they study the past. Acellus AP World History has been audited and approved by the College Board.

Prerequisites: World History, American History, successful completion of at least one CCP or AP English course and a score of at least 3 (proficient) or higher on the American History AIR test.

WORLD LANGUAGES

INTRODUCTION:

The study of a foreign language opens many new doors to the student. The student is afforded a greater grasp on world situations and politics as well as a broader insight into the culture and customs of foreign lands. All of this will be gained in addition to the personal satisfaction of learning a second language and being able to communicate with others in their native tongue. The World Languages Department tries to translate foreign language study into these areas for each and every student.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
F500	Spanish I	9-12	1.00	36	None
F510	Spanish II	10-12	1.00	36	Spanish I
F520	Spanish III	11-12	1.00	36	Spanish II
F530	Advanced Placement Spanish (Spanish IV)	12	1.00	36	Spanish III or teacher permission
FOL540	French	11-12	1.00	Year-long	2 credits of Spanish, approved FDA application

SPANISH I	Gr. 9-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Bienvenido is Spanish for “welcome”. This term describes Spanish I and it is a very complete introduction to this widely spoken foreign language.

In Spanish I, conducted in both Spanish and English, the students are welcomed into the Spanish-speaking world by listening to, reading, writing, and speaking basic Spanish. An interesting first encounter is made with the history, culture, and the language of the Spanish speaking people of the world. Spanish I class consists of listening to stories and music, reading stories and children’s literature in Spanish, writing short essays, and basic conversational practice. The students will learn to express their needs as well as acquire the conversational abilities needed to travel in a Spanish speaking country.

Spanish I provides a strong basis for the continued study of Spanish as well as opening up an entire new world and culture to the student.

Prerequisite: None

SPANISH II	Gr. 10-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Adelante is Spanish for “forward” and is the key word for Spanish II. The student, now using the abilities that he/she has acquired in Spanish I, moves forward into the Spanish world with emphasis on the Hispanic world.

In Spanish II, conducted mostly in Spanish, the Spanish countries of Central and South America, and our neighbor Mexico are covered in detail. The study of Spanish America also includes the ancient cultures conquered by the Spanish conquistadors. The teacher will accomplish the study of these countries through the presentation of vocabulary, in-class readings, and discussions. The student now begins to concentrate on, and improve his/her listening ability, through verbal discussion of readings and the presentations of Spanish grammar through stories. The student will also acquire a more complete vocabulary and understanding of verb tenses and Spanish grammar. Video media and music are also a very important part of Spanish II. Through these means, the Hispanic World, its politics, its customs, its history, and its people are brought directly to the student.

Prerequisite: The student must have successfully completed Spanish I

SPANISH III	Gr. 11-12	36 Weeks	1.0 Credit
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COURSE DESCRIPTION:

Descubrimiento is Spanish for “discovery” and the main theme of Spanish III.

The student now uses his/her written and oral command of Spanish to discover the personal satisfaction and the ability to use a second language. Third year students will learn more advanced grammatical structure. The student embarks on a more complete study of vocabulary, and increase speaking ability, as well as continuing to perfect writing skills.

The Spanish III text offers a complete and concise review to reinforce and increase the skills learned in Spanish I and Spanish II. The student will also have the opportunity to read, in Spanish, various stories about the history of Spain, as well as those of famous figures from Spanish history. Spanish III involves the reading of two excellent Spanish paperback books. These stories will also be of great aid in learning of new vocabulary and enhancement of conversational abilities.

Spanish III is conducted almost completely in Spanish, and the student discovers, often to his/her surprise, how well he/she can now speak and understand Spanish.

Prerequisite: The student must have successfully completed Spanish II.

Advanced Placement Spanish (Spanish VI)	Gr. 11-12	36 Weeks	1.0 Credits
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COURSE DESCRIPTION:

In this AP Spanish course students will use authentic materials and sources in Spanish to demonstrate their language proficiencies in multiple modes of communication, including two-way written interactions and conversations; interpretation of written, audio, and audiovisual materials; and oral and written presentations of information, opinions, and ideas. This course engages students in the exploration of the culture and language in contemporary and historical contexts. This course follows the prescribed AP curriculum.

Prerequisite: The student must have successfully completed Spanish III and have teacher recommendation.

Fairless Digital Academy

The following course is a part of the Fairless Digital Academy (FDA). Admission into this course begins with an online application approval.

FRENCH	Gr. 11-12	Must be completed in 1 school year	1.0 Credit
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COURSE DESCRIPTION:

This introductory French Course, taught by Acellus Instructor Katrina Carey, is for high school students taking their first course in this language with a goal of mastering French as a second language. Introduction to French greetings, numbers, vocabulary, verbs and verb conjugations.

Prerequisite: 3 credits of Spanish, approved FDA application

REGISTRATION CHECKLIST

Have you completed the following?

1.	Have you signed your registration sheet?*	Y	N
2.	Have your parents signed the registration sheet?*	Y	N
3.	Have you read the course descriptions and course prerequisites for each subject you have circled?	Y	N
4.	Have you met with teachers to discuss advanced courses they may teach and their recommendations for you?	Y	N
5.	Have you obtained department sign off?	Y	N
6.	Have you allowed one study hall?	Y	N
7.	Have you registered for at least five credits?	Y	N
8.	Have you enrolled in courses that will benefit you both now and in the future?	Y	N
9.	Have you checked the Graduation Requirements/Curriculum Guidelines, in order to determine your course of study?	Y	N

* Note: In reference to #1 and #2, students will be issued registration sheets to be taken home and reviewed with their parents.

The [988 Suicide and Crisis Lifeline](https://www.988ohio@mha.ohio.gov) provides 24/7, free, and confidential support to Ohioans in a mental health crisis. Ohioans can call or text “988” to reach a trained specialist for help and support. Contact 988ohio@mha.ohio.gov for questions about the Suicide and Crisis Lifeline.