

Fairless High School Programs of Study



2023-2024

Soaring to EXCELLENCE Every Day!

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 Every Day!

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.

TABLE OF CONTENTS

Mission Statement	2
Graduation Requirements & State Required Testing	5-8
Diploma with Honors	11-13
Blended Learning Pathways	14-27
Associate of Arts Degree Pathway	28-29
NCAA Eligibility	30-31
Registration Requirements	32
Grading Scale & Academic Honors	32-34
College Credit Plus	34-35
Credit Flexibility Options	35-36
Class Drop and Add Policy	37
R.G. Drage Offerings	38-42

FAIRLESS HIGH SCHOOL COURSE OFFERINGS

College Credit Plus Courses	43-44
Fairless Digital Academy	45-46
Art	47-48
Business, Marketing & Technology	49-52
Work-Based Learning & Community Service Credit	53
English/Language Arts	54-60
Family and Consumer Sciences	61-62
General Electives	63-66
Health	67
Mathematics	68-72
Music	73-74
Physical Education	75-76
Science	77-80
Social Studies	81-88
World Languages	89-91
Physical Education Waiver Application for Class of 2024 only	92
Registration Checklist	93

FAIRLESS HIGH SCHOOL PROGRAMS OF STUDY 2023-2024

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 Bixler-Zalesinsky	Asst. Principal
Mr. Nate Held	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. Jason Kirby	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 (Classes of 2024 and 2025 are required to earn only 20 credits) 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
Physical Science	1
Biology	1
Advanced Science Elective	1
World History	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.

^Beginning with the class of 2026, students will be required to complete 5.5 credits of electives.

+Beginning with the class of 2026, the state of Ohio is requiring students to take Financial Literacy.

~Beginning with the class of 2026, students will be required to complete 22 credits for graduation.

Any student in the Class of 2024 who **completes 2 seasons** of athletics, marching band or cheerleading ***may trade*** Physical Education for another 0.5 credit course. See Physical Education Waiver Application on the last page of this book. ***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

class of
2023
& beyond

STEP 1 – Cover the Basics

(20 credits)

- 4 Credits of Mathematics
- 4 Credits of English
- 3 Credits of Science
- 3 Credits of Social Studies
- 1 Credit of Fine Art
- 0.5 Credit of Health
- 0.5 Credit of PE
- 4 Credits of Elective

*Class of 2026 and beyond will also need 0.5 credit of Financial Literacy and 5.5 elective credits which will total 22 credits

STEP 2 – Show Competency

Must complete one of the following options:

Option 1: **Earn a Competency Score**

- Earn a passing score (684) on Ohio's Algebra 1 and ELA 2 tests
- 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**

- 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**

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

STEP 3a – 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 (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 course
 - Broadcasting students will earn the Technology Seal
 - **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 and Math- 22)

Step 3b: 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.

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 1 or College Comp	Competency (684 or higher)
Geometry	Geometry	Neither
Biology	Biology or CCP Life Science or CCP Biology	Seal (700 or higher)
American History	American History or CCP US History	Seal (700 or higher)
Government	CCP American Politics or high school Government	Seal (700 or higher)

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 \$17.00 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

(Bold/Italicized Required for RG Drage Placement)

FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Core Requirements	Core Requirements	Core Requirements	Core Requirements
<i>Algebra I or Geometry</i> <i>Modern World History</i> <i>English 9</i> <i>Health</i> <i>Physical Education</i> <i>Physical Science</i> Fine Arts	<i>Biology</i> <i>English 10</i> <i>Geometry</i> or Algebra II <i>American History</i> <i>Physical Education 10</i> Fine Arts <i>Financial Literacy*</i> <i>*Class of 2026 and beyond</i>	Algebra II or Equivalent Or Pre-Calculus Chemistry OR Physical Science II English 11 American Government & Economics	English 12 OR CCP ELA Pre-Calculus OR Transitions Math OR CCP Math
ELECTIVES Some electives may have prerequisites that limit enrollment. See the course description and/or registration sheets to ensure eligibility before selecting electives.			

-Art I -Art II -Accelerated Art III -Advanced Art IV -Advanced Placement Courses through Fairless Digital Academy -Introduction to Broadcasting -Broadcasting -Business Communication -Chorale -College Credit Plus (CCP) Courses -Culinary Fundamentals	-Food Science -World Geography -Global Foods -Jazz Band -Media Communication (formerly newspaper) -Musical Arts -Physics -Principles of Food -Financial Literacy -Psychology -Silver Wings -Spanish I -Spanish II	-Spanish III -Advanced Placement Spanish -Intro to Sports Media -Sports Media -Sports Nutrition -Weight Training -Symphonic Band -Transitions -Wind Ensemble -Yearbook -Fairless Digital Academy Courses (Credit recovery, electives, specialty, and advanced coursework by approved application only)
--	---	--

Junior/Senior Year Alternative Options

R.G. Drage Career Center/Stark County College Tech Prep Consortium
Fairless Digital Academy Blended Learning Pathways

DIPLOMA WITH HONORS PATHWAYS

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

Criterion	STEM Honors Diploma	Arts Honors Diploma (includes dance, drama/theater, music and visual art)	Social Science & Civic Engagement Honors Diploma
Math	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	5 units, including two units of advanced science	3 units, including one unit of advanced science	3 units, including one unit of advanced science
Social Studies	3 units	3 units	5 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit	4 units	1 unit
Electives	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/Workkeys	27 ACT/1280 SAT	27 ACT/1280 SAT	27 ACT/1280 SAT
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts

Additional information on the Ohio Honors Diploma:

Students entering the ninth grade on or after July 1, 2017 must meet these criteria. Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

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

Diploma with Honors requirements presuppose the completion of all high school diploma requirements in the Ohio Revised Code including: ½ unit physical education (unless exempted), ½ unit health, ½ unit in American history, ½ unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well. The class of 2026 and beyond will also have to complete a course in financial literacy.

1. Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.
2. Advanced science refers to courses which are inquiry-based with laboratory experiences, and align with the 11/12th grade standards (or above) with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).
3. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.
4. The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.
5. Field Experience refers to experiential learning, in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.
6. The student portfolio is a collection of experiential learning and competencies, based on the student's field experiences. Students will engage with professionals or scholars in the field, while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff. Students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.
7. Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment, and a minimum of 6 on the Reading for Information WorkKeys Assessment, in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.
8. These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website.

Fairless High School
Blended Learning Pathways

These courses are all available at FHS through either online or face-to-face instruction.

Career Technology Honors Diploma Pathway - Business Management

This pathway is designed for students who are interested in pursuing college or careers in marketing, finance, accounting, information technology (IT), and/or business management.

Classroom - Business Communications	-0.5 Credits
OR	
Online - CCP Computer Applications	-1.0 Credits
+	
Classroom - Personal Finance	-0.5 Credits
Classroom - Foundations of Marketing	-0.5 Credits
+	
Online - Business Application Specialist	-1.0 Credits
OR	
Online - CCP Introduction to Communication	-1.0 Credits
+	
Online - Introduction to Computer Science	-1.0 Credits
+	
Online - Introductory Accounting	-1.0 Credits
OR	
Online - CCP Business Law & Ethics	-1.0 Credits
	4.5 credits

Prerequisites for some courses may include:

- CCP Placement
- Successful completion of Business Communications, Personal Finance, and Marketing & Entrepreneurial Studies
- See individual courses for additional requirements

Additional Requirements for the Career Tech Honors Diploma

--Students must meet all but one requirement.--

GPA of 3.5 or higher, ACT score of 27 or higher, complete a field experience documented through portfolio

Career Technology Honors Diploma Pathway - Business Management

YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Required Content	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry or Algebra II or Equivalent</i>	<i>Geometry or Algebra II or Equivalent</i>	<i>Algebra II or Equivalent or Pre-Calculus</i>	<i>Pre-Calculus OR +CCP Math</i>
English-Language Arts	<i>English 9</i>	<i>English 10</i>	<i>English II</i>	<i>English 12 OR +CCP ELA</i>
Social Studies	<i>Modern World History</i>	<i>American History or +CCP U.S. History I/II</i>	<i>American Government and Economics or +CCP American Politics and Microeconomics</i>	Social Studies Elective <i>Physics or Adv. Science</i>
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry</i>	Requirement met
Health/PE	<i>Health and PE</i>	<i>Physical Education 10</i>	Requirement met	Requirement met
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	Requirement met	Requirement met
Business/Tech Elective	<i>Business Communications OR +*CCP Computer Applications</i>	<i>Personal Finance AND *Intro to Comp. Sci</i>	Requirement met <i>Foundations of Marketing AND Foundations of Business AND *Business Applications Specialist OR +*CCP Effective Speaking</i>	<i>*Introductory Accounting OR +*CCP Business Law and Ethics AND Work-based Learning Apprenticeship</i>

Courses required for graduation have been listed in bold font

Courses taught in a traditional, face-to-face classroom are italicized

+ is used to identify a College Credit Plus Course

* is used to identify an online course

+* is used to identify an online College Credit Plus course

Languages & Literature Academic Honors Diploma Pathway

This pathway is designed for students who are interested in pursuing college or careers in positions that require skills including bilingual literacy and writing. Students in this pathway wish to be culturally-competent and stand out as competitors in an ever-changing, global job marketplace. Careers examples include: international business, journalism, editing, education, academia, and politics.

Classroom - Spanish I, II, III + Online French	-4.0 Credits
OR Spanish I, CCP Elementary Spanish I, II, and Online French	-4.0 Credits
+	
Classroom - CCP Writing I & II	-2.0 Credits
OR	
Online - AP English Language & Composition	-2.0 Credits
OR	
Online - AP English Literature & Composition	-2.0 Credits
+	
Online - American Literature	-1.0 Credits
OR	
Online - CCP American Lit 1865 to present	-1.0 Credits
+	
Online - Classical British Literature	-1.0 Credits
OR	
Online - CCP British Literature 1785 to present	-1.0 Credits
	-9.0 Total Credits

Prerequisites for some courses may include:

- Placement through - CCP Acceptance, Gifted ID, ACT, and/or Course Acceleration.
- See individual courses for additional requirements

Additional Academic Honors Diploma Requirements

--Students must meet all but one requirement--

4 units of math including Algebra 2 or equivalent and one higher course, 4 units of science (two advanced), 4 units of social studies, 1 fine art unit, 0.5 credit of PE, and 0.5 credit of health, 3.5 or higher GPA and 27 or higher on the ACT (It is recommended that students consider taking ACT review course online through the Fairless Digital Academy their junior year.)

Languages and Literature Academic Honors Diploma Pathway				
YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subjects	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry or Algebra II or Equivalent</i>	<i>Algebra II or Equivalent or Pre-Calculus</i>	<i>Pre-Calculus or +CCP Math</i>
English-Language Arts	<i>English 9 OR +CCP Writing 1 & 2 OR English 9</i>	<i>English 10 OR</i> *AP English Lang & Comp OR *AP Eng Lit & Comp OR +CCP Writing 1 & 2	<i>Junior English</i> OR *American Lit OR +*CCP Am. Lit 1865 to present OR +CCP Writing 1 & 2	<i>Senior English</i> OR +*CCP Brit Lit 1785 to present OR +CCP Writing 1 & 2 OR *Classical Brit Lit AND
Social Studies	<i>Modern World History</i>	<i>American History or +CCP U.S. History I/II</i>	<i>American Government and Economics or +CCP American Politics and Microeconomics</i>	<i>Psychology</i> (HS or CCP) OR <i>Sociology</i> (CCP) OR *Epic Geography
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry</i>	<i>Physics</i> OR Other advanced science
Health/PE	<i>Health/PE</i>	<i>Physical Education 10</i>	<i>Requirement met</i>	<i>Requirement met</i>
Arts and Business Technology	<i>Art 1 and Business Communications OR Band/Choir</i>	<i>Art 2 and Personal Finance OR Band/Choir</i>	<i>Art Requirement met</i>	<i>Art Requirement met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i> OR	*Online French or AP Spanish
Courses required for graduation have been listed in bold font <i>Courses taught in a traditional, face-to-face classroom are italicized</i> + is used to identify a College Credit Plus Course * is used to identify an online course +* is used to identify an online College Credit Plus course				

Arts Honors Diploma Pathway

This pathway is designed for students who are interested in pursuing college or careers in the visual and/or performing arts. Career fields may include teaching, performing, curating, and/or actively working as an artist.

Classroom - Art I & Art II	-1.0 Credits
Classroom - Accelerated Art III & Advanced Art IV	-2.0 Credits
AND/OR	
Classroom - Symphonic/Wind Ensemble	-4.0 Credits
AND/OR	
Classroom - Men's/Women's Chorus/Chorale	-4.0 Credits
+	
Classroom - Introduction to Broadcasting/Broadcasting I	-1.0 Credits
OR	
Musical Arts	
OR	
Musical Appreciation (online)	-0.5 Credits
+	
Online - AP Music Theory	-2.0 Credits
	-6.0 to 7.0 Total Credits

Prerequisites may exist for some courses:

- See individual courses for additional requirements

Additional Arts Honors Diploma Requirements

--Students must meet all but one requirement--

4 units of math including Algebra 2 or equivalent and one higher, 3 units of science with one advanced, 3 social studies units, 3 units of one world language, 0.5 credit of health, and 4 credits of English, 3.5 or higher GPA, 27 on the ACT (It is recommended that students enroll in an online ACT review course through the Fairless Digital Academy during their junior year); field experience documented in a portfolio

Arts Honors Diploma Pathway				
YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subjects	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry or Algebra II or Equivalent</i>	<i>Algebra II or Equivalent or Pre-Calculus</i>	<i>Pre-Calculus</i> OR +CCP Math
English Language Arts	<i>English 9</i>	<i>English 10</i>	<i>Junior English</i> (HS or CCP)	<i>Senior English</i> (HS or CCP)
Social Studies	<i>Modern World History</i>	<i>American History</i> or +CCP U.S. History I/II	<i>American Government and Economic</i> or +CCP <i>American Politics and Microeconomics</i>	<i>Requirement met</i>
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry</i>	<i>Requirement met</i>
Health/PE	<i>Health/Physical Education</i>	<i>Physical Education 10</i>	<i>Requirement met</i>	<i>Requirement met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i>	<i>Theatre</i> OR <i>Broadcasting 1</i> OR <i>Advanced Art IV</i> OR <i>Band</i> OR <i>Choir</i> AND *AP Fine Art Course
Art	<i>Art 1</i> OR <i>Band</i> OR <i>Choir</i>	<i>Art 2</i> OR <i>Band</i> OR <i>Choir</i>	<i>Intro to Broadcasting</i> OR <i>Musical Arts</i> OR <i>Accelerated Art III</i> OR <i>Band</i> OR <i>Choir</i>	
Courses required for graduation have been listed in bold font <i>Courses taught in a traditional, face-to-face classroom are italicized</i> + is used to identify a College Credit Plus Course * is used to identify an online course +* is used to identify an online College Credit Plus course				

STEM Honors Diploma Pathway - Environmental Engineering & Ecology

This pathway is designed for students who are interested in pursuing college or careers in environmental science, meteorology, geology, environmental engineering, ecology, or other non-health related science field.

Classroom - Physical Science	-1.0 Credit
Classroom - Algebra I	-1.0 Credit
Classroom - Biology	-1.0 Credit
Classroom - Geometry	-1.0 Credit
Classroom - Chemistry	-1.0 Credit
Classroom - Algebra II or equivalent	-1.0 Credit
+	
Classroom - CCP College Algebra & Trig	-2.0 Credits
OR	
Classroom - Pre-Calculus	-1.0 Credit
+	
Classroom - CCP Analytical Geometry and Calc 1	-1.0 Credit
OR	
Classroom - CCP Introduction to Statistics	-1.0 Credit
+	
Online - Environmental Engineering + AP lab opportunity*	-2.0 Credits
+	
Classroom--CCP Advanced Science Courses	-2.0 Credits
+	
Hybrid--STEM Research Project*	-0.5 credit

*Course Sequence AP Environmental Science, and an original research project utilizing the Fairless Solar Field. Credit for Environmental Engineering will only be awarded upon successful completion of the entire course sequence and AP lab opportunities .

-15.5 Total Science and Math Credits

Prerequisites for some courses may include:

- Successful completion of Physical Science, Biology, and Chemistry in order to be eligible for Environmental Engineering
- Score of 3 or higher on the AIR Biology exam
- See individual courses for additional requirements

Additional STEM Honors Diploma Requirements

3 units of social studies, 3 units of one world language, 1 unit of fine art, 0.5 credit of PE, 0.5 credit of health, and 4 credits of english, 3.5 or higher GPA, 27 or higher ACT score (It is recommended that students enroll in an online ACT review course through the Fairless Digital Academy during their junior year); and complete portfolio documenting a field experience

STEM Honors Diploma Pathway - Environmental Engineering & Ecology				
YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subject	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry AND Algebra II or Equivalent</i>	<i>Pre-Calculus</i> OR <i>+CCP College Algebra & Trig</i>	<i>+CCP Analytical Geometry and Calc I</i> OR <i>+CCP Introduction to Statistics</i>
English Language Arts	<i>English 9</i>	<i>English 10</i>	<i>Junior English</i> (HS or CCP)	<i>Senior English</i> (HS or CCP)
Social Studies	<i>Modern World History</i>	<i>American History</i> or <i>+CCP U.S. History I/II</i>	<i>American Government/Econ</i> or <i>+CCP American Politics and Microeconomics</i>	<i>Requirement Met</i> <i>*Environmental Engineering and CCP Science Course</i>
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry or CCP Science Course</i>	<i>STEM Research Project</i>
Health/PE	<i>Health/Physical Education</i>	<i>Physical Education 10</i>	<i>Requirement Met</i>	<i>College and Career Horizons</i>
Arts and Technology	<i>Art 1 and Business Communication</i> OR <i>Band/Choir</i>	<i>Art 2 and Pers Finance</i> OR <i>Band/Choir</i>	<i>Requirement Met</i>	<i>Requirement Met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i>	<i>Requirement Met</i>
Courses required for graduation have been listed in bold font <i>Courses taught in a traditional, face-to-face classroom are italicized</i> + is used to identify a College Credit Plus Course * is used to identify an online course +* is used to identify an online College Credit Plus course				

STEM Honors Diploma Pathway - Information Technology

This pathway is designed for students who are interested in pursuing college or careers in information technology (IT), and/or information management.

Online - Business Application Specialist	-1.0 Credit
OR	
Online - CCP Computer Applications	-1.0 Credit
+	
Online - Intro to Computer Science	-1.0 Credit
+	
Online - AP Computer Science	-2.0 Credit
+	
Hybrid--STEM Research Project	-0.5 credit
	-4.5 Total Credits

Prerequisites may exist for some courses:

- See individual courses for additional requirements

Additional STEM Honors Diploma Requirements

--All but one of the requirements must be met.--

5 units of math including Algebra 2 or equivalent and higher, 5 units of science including AP Computer Science, 3 units of social studies, 3 units of a world language, 1 unit of fine art, 0.5 credit of PE, 0.5 credit of health, and 4 credits of English, 3.5 or higher GPA, a score of 27 or higher on the ACT (It is recommended that students enroll in an online ACT review course during their junior year), and complete a portfolio based on a field experience

STEM Honors Diploma Pathway - Information Technology				
YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subject	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry AND Algebra II or Equivalent</i>	<i>Pre-Calculus</i> Or + CCP Algebra for Calculus Boost and Trig	+CCP Analytical Geometry and Calc I OR +CCP Introductory Statistics
English Language Arts	<i>English 9</i>	<i>English 10</i>	<i>English 11</i>	<i>English 12</i>
Social Studies	<i>Modern World History</i>	<i>American History or</i> +CCP U.S. History I/II	<i>American Government/Econ or</i> +CCP American Politics and Microeconomics	<i>Requirement Met</i>
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry</i> OR +CCP General College Physics 1 with Lab OR +CCP Frontiers in Astronomy with lab	Requirement Met
Health/PE	<i>Health/PE 9</i>	<i>PE 10</i>	<i>Requirement met</i>	<i>Requirement met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i>	<i>Art requirement met</i>
Fine Art/Business	<i>Art 1/Art 2 OR Band/Choir</i>	<i>Art requirement met</i>	<i>Art requirement met</i>	<i>*AP Computer Science</i>
Technology/STEM	Not req. this year	*Business Apps Specialist OR +*CCP Computer Apps	*Intro to Computer Science	STEM Research Project College and Career Horizons
Courses required for graduation have been listed in bold font <i>Courses taught in a traditional, face-to-face classroom are italicized</i> + is used to identify a College Credit Plus Course * is used to identify an online course +* is used to identify an online College Credit Plus course				

STEM Honors Diploma Pathway - Pre-Healthcare/Pre-Animal Care

This pathway is designed for students wanting to prepare for further training leading to a career in the medical field (doctor, nursing, physical therapy, and dentistry) or animal care such as veterinary care and zoology.

Classroom - Physical Science	-1.0 Credit
Classroom - Algebra I	-1.0 Credit
Classroom - Biology	-1.0 Credit
Classroom - Geometry	-1.0 Credit
Classroom - Chemistry	-1.0 Credit
Classroom - Physics	-1.0 Credit
Classroom - Algebra II or equivalent	-1.0 Credit
Online - Intro to Computer Science	-1.0 Credit
+	
Classroom - CCP College Algebra Boost & Trig	-2.0 Credits
OR	
Classroom - Pre-Calculus	-1.0 Credit
+	
Classroom - CCP Analytical Geometry and Calc 1	-1.0 Credit
OR	
Classroom - CCP Introduction to Statistics	-1.0 Credit
+	
Online - The Language and Science of Medicine	-2.0 Credits
+	
Online - Agriculture	-1.0 Credit
OR	
Online - AP Computer Science	-2.0 Credits
+	
Hybrid--STEM research project	-0.5 Credit
	-13.5 Total Credits

Prerequisites for some courses may include:

- Placement through - CCP Acceptance, Gifted ID, ACT, and/or Course Acceleration.
- See individual courses for additional requirements

Additional STEM Honors Diploma Requirements

--All but one requirement must be met.--

3 units of social studies, 3 units of one world language, 1 unit of fine art, 0.5 credit of PE, 0.5 credit of health, and 4 credits of english, 3.5 or higher GPA, 27 or higher ACT score (It is recommended that students enroll in an online ACT review course through the Fairless Digital Academy during their junior year), and complete portfolio documenting a field experience

STEM Honors Diploma - Pre-Healthcare and Pre-Animal Care				
YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subjects	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry AND Algebra II or Equivalent</i>	<i>Pre-Calculus</i> OR +CCP College Algebra Boost and Trig	+CCP Analytical Geometry and Calc I OR +CCP Introduction to Statistics
English Language Arts	<i>English 9</i>	<i>English 10</i>	<i>Junior English (HS or CCP)</i>	<i>Senior English (HS or CCP)</i>
Social Studies	<i>Modern World History</i>	<i>American History</i> or +CCP U.S. History I/II	<i>American Government/Econ</i> +CCP American Politics and Microeconomics	<i>Requirement met</i> College and Career Horizons
Science and STEM	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry AND</i> *Intro to Comp. Sci.	Research project or internship *Language and Science of Medicine AND *Agriculture OR AP Computer Science
Health/PE	<i>Health/PE 9</i>	<i>Physical Education 10</i>	<i>Requirement met</i>	<i>Requirement met</i>
Art	<i>Art 1 & 2 OR Band/Choir</i>	<i>Requirement met</i>	<i>Requirement met</i>	<i>Requirement met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i>	<i>Requirement met</i>
Courses required for graduation have been listed in bold font <i>Courses taught in a traditional, face-to-face classroom are italicized</i> + is used to identify a College Credit Plus Course * is used to identify an online course +* is used to identify an online College Credit Plus course				

Humanities (Social Science & Civic Engagement Honors Diploma) Pathway

This pathway is designed for students who are interested in pursuing college or careers in positions that require skills including: bilingual literacy and writing. Career fields may include social services, politics, government, pre-law, and other fields that require a strength in the social sciences, literacy, and languages. Potential students wishing to be culturally competent and to stand out as a competitor in an ever-changing, global job marketplace.

Classroom - World History	-1.0 Credit
Classroom - American History	-1.0 Credit
+	
Classroom - Spanish I, II, III, & AP Spanish	-5.0 Credits
OR	
Spanish I-III & Online French	-4.0 Credits
+	
Classroom - General Psychology (CCP or HS)	-1.0 Credit
Classroom - Sociology (CCP)	-1.0 Credit
Online - Epic Geography	-1.0 Credit
+	
Classroom - American Government/Economics	-1.0 Credits
OR	
Classroom - American Political Science & Microeconomics	-2.0 Credits
+(Choose 2 credits of advanced - CCP or AP - social studies courses)	
Online - CCP Modern US History	-1.0 Credit
Online - CCP Modern World History	-1.0 Credit
OR	
Online - AP European History	-2.0 Credits
OR	
Online - AP World History	-2.0 Credits
OR	
Online - AP US History	-2.0 Credits
+(Choose 2 credits of advanced -CCP or AP - Language Arts courses)	
Classroom - College Writing I & II	-2.0 Credits
OR	
Online - AP English Language & Composition	-2.0 Credits
OR	
Online - AP English Literature & Composition	-2.0 Credits
	-16.0 Total Credits

Prerequisites for some courses may include:

- Placement through - CCP Acceptance, Gifted ID, ACT, and/or Course Acceleration.
- See individual courses for additional requirements

Additional STEM Honors Diploma Requirements

--Must meet all but one of the requirements.--

4 units of math including Algebra 2 or equivalent and one higher, 3 units of science, 1 unit of fine art, 0.5 credit of PE, 0.5 credit of health, and 4 credits of english, 3.5 or higher GPA, 27 or higher ACT score (It is recommended that students enroll in an online ACT review course through the Fairless Digital Academy during their junior year), and a portfolio documenting a field experience

Humanities (Social Science & Civic Engagement Honors Diploma) Pathway

YEAR	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Subjects	Requirements	Requirements	Requirements	Requirements
Math	<i>Algebra I or Geometry</i>	<i>Geometry or Algebra II or Equivalent</i>	<i>Algebra II or Equivalent or Pre-Calculus</i>	<i>Pre-Calculus</i> OR +CCP <i>Math</i>
English Language Arts	<i>English 9</i>	<i>English 10</i>	<i>Junior English</i> OR *American Lit OR *AP English Lang & Comp OR *AP Eng Lit & Comp OR +CCP <i>College Writing 1 & 2</i>	*AP English Lang & Comp OR *AP English Lit & Comp OR +CCP <i>College Writing 1 & 2</i>
Social Studies	<i>Modern World History</i>	<i>American History</i> or +CCP <i>U.S. History I/II</i>	<i>American Government/Econ</i> OR +*CCP American Politics and Microeconomics AND *AP European History OR *AP World History OR *AP US History AND +*CCP Modern World History	<i>Psychology</i> +CCP or HS AND <i>Sociology</i> +CCP AND *Epic Geography College and Career Horizons Research project or internship
Science	<i>Physical Science</i>	<i>Biology</i>	<i>Chemistry</i>	<i>Requirement Met</i>
Health/PE	<i>Health/PE 9</i>	<i>Physical Education 10</i>	<i>Requirement Met</i>	<i>Requirement Met</i>
Arts	<i>Art 1 and Bus. Comm.</i> OR <i>Band/Choir</i>	<i>Art 2 and Pers. Finance</i> OR <i>Band/Choir</i>	<i>Requirement Met</i>	<i>Requirement Met</i>
World Language	<i>Spanish I</i>	<i>Spanish 2</i>	<i>Spanish 3</i>	*Online French or AP Spanish

Courses required for graduation have been listed in bold font

Courses taught in a traditional, face-to-face classroom are italicized

+ is used to identify a College Credit Plus Course

* is used to identify an online course

+* is used to identify an online College Credit Plus course



Associate of Arts Degree

66 Total Credit Hours offered at Fairless High School



Period	Grade 9	
	Fall	Spring
1	IDS115 College and Career Success Skills 3 cr.	ITD122 Comp. Apps. for Professionals 3 cr. (TAG) - Online
2	English 9	English 9
3	Geometry	Geometry
4	Modern World History	Modern World History
5	Spanish I	Spanish I
6	Physical Education or Health	Physical Education or Health
7	Art I and Business Communication OR Band/Choir	Business Communication OR Band/Choir
8	Physical Science	Physical Science

* Depending on the individual student scheduling requirements and needs, some students may require art and health offered digitally in a flexible format to allow for a lunch period.

	Grade 10	
	Fall	Spring
1	English 10	English 10
2	Algebra II	Algebra II
3	HIS121 US History I to 1877 3 cr. (TAG) - Online	HIS122 US History II from 1877 3 cr. (TAG) - Online
4	Spanish II	Spanish II
5	Physical Education 10	COM121 Effective Speaking 3 cr. (TAG) - Online
6	Personal Finance OR Band/Choir	Art II and Personal Finance OR Band/Choir
7	Biology	Biology
8	Lunch/Study Hall	Lunch/Study Hall

	Grade 11	
	Fall	Spring
1	ENG-11011 College Writing I 3 cr. (OTM)	ENG-21011 College Writing II 3 cr. (OTM)
2	MATH-10675 Algebra for Calculus Boost 5 cr. (OTM)	MATH-11022 Trigonometry 3 cr. (OTM)
3	Study Session	SOC121 Sociology 3 cr. (TAG)- Online
4	Spanish III	Spanish III
5	Chemistry	Chemistry
6	PSC121 Political Science 3 cr. (TAG)	BUS221 Microeconomics 3 cr. - Online
7	Lunch/Study Hall	Lunch/Study Hall
8	Study Session	Study Session

	Grade 12	
	Fall	Spring
1	ENG237 American Literature: 1865 to Present 3 cr. (TAG)- Online or HIS222 World Civ. from 17th Century 3 cr. (TAG) - Online	PHL122 Ethics 3 cr. (TAG) - Online or ENG234 British Literature: 1785 to Present 3 cr. (TAG) - Online
2	MATH-10041 Introductory Statistics 4 cr. (OTM)	SOC225 Cultural Diversity 3 cr. (OTM) - Online
3	PHY-21430 Frontiers in Astronomy 3 cr. (OTM) PHY-21431 Frontiers in Astronomy Lab 1 cr. (OTM)	PHY-13001 General College Physics I 4 cr. (OTM) PHY-13021 General College Physics I Lab 1 cr. (OTM)
4	PSY121 General Psychology 3 cr. (TAG) - Online	PSY123 Human Growth & Develop 3 cr. (TAG) - Online or SOC123 Dynamics of the Family 3 cr. (TAG) - Online
5	Spanish IV or HS Elective	Spanish IV or HS Elective
6	Lunch/Study Hall	Lunch/Study Hall
7	Study Session	Study Session
8	Study Session	Study Session

Revised October 10, 2020

Stark State Courses

Kent State Stark Courses

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 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).

Benefits 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/>

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.

NCAA ELIGIBILITY CENTER/COLLEGE DIVISION I or II

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:

- Advanced College and Career Read English 9
- Advanced College and Career Ready English 10
- Advanced College and Career Ready English 11
- College and Career 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.

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. Pre-requisites 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.

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 Guidance 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 had failed the course.

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

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 the equivalent of an overall grade point average of 3.5 or higher for the first three grading periods of the school year.
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)

Cum Laude Honors

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

- GPA's are not rounded

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

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.

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)**.

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:

Digital Courses: Digital courses are primarily computer-based instruction under the supervision of a qualified teacher. The course is completed independently of regular classroom instruction. Because digital courses are heavily dependent on reading skills and the ability to achieve 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.

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.

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).

CLASS DROP AND ADD POLICIES

CLASS DROP/ADD POLICY

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.

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.

Students are trained in the following Automotive Service Excellence (ASE) certificated curriculum areas: diesel and gasoline engines, air/hydraulic brake systems, steering/suspensions systems, electrical systems, drive train, and heating/air-conditioning systems (including transport refrigeration and mechanical and electronic fuel injection).

College Credit Plus
Kent State University & Stark State College Offerings at FHS
FALL COURSE OFFERINGS

COURSE NUMBER (College) (Classroom/Online)	COURSE TITLE	CREDIT (FHS/College)	HS Requirement Equivalent	PREREQUISITE
IDS115 (Classroom)	College and Career Success Skills/ Ohio Means Jobs Readiness	1.00/3.00	Elective	CCP eligibility requirements
HIS121 (Online)	US History I to 1877	1.00/3.00	Social Studies	CCP eligibility requirements
HIS222 (Online)	World Civilization from 17th Century	1.00/3.00	Social Studies	CCP eligibility requirements
ENG237 (Online)	American Literature: 1865 to Present	1.00/3.00	English	ENG 11011
ENG 11011 (Classroom)	College Writing I	1.00/3.00	English	ACT Eng 18 or Writeplacer 5 or (Cond. Elig. Read 250 and Write 4)
MATH 10675 (Classroom)	Algebra for Calculus Boost	1.00/5.00	Math	ACT Math 22 or ALEKS Test 35 or Accuplacer 263
PHY 21430 PHY 21431 (lab)	Frontiers in Astronomy with Lab	1.00/4.00	Science	ACT Read 20 or Accuplacer Read 250
PSC121 (Online)	Political Science	1.00/3.00	Social Studies	CCP eligibility requirements
ACC130 (Online)	Business Law & Ethics	1.00/3.00	Elective	CCP eligibility requirements
MATH 10041 (Classroom)	Introductory Statistics	1.00/4.00	Math	ACT Math 22 or ALEKS Test 35
SOC123 (Online)	Dynamics of the Family	1.00/3.00	Sociology	CCP eligibility requirements
PSY121 (Online)	General Psychology	1.00/3.00	Social Studies	ACT Read 18 or Accuplacer Read 246

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 they 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
SPRING COURSE OFFERINGS

COURSE NUMBER	COURSE TITLE	CREDIT (FHS/College)	HS Requirement Equivalent	PREREQUISITE
ITD122 (Online)	Computer Applications	1.00/3.00	Elective	CCP eligibility requirements and Computer score of 21+
HIS122 (Online)	US History II From 1877	1.00/3.00	Social Studies	CCP eligibility requirements
PHL122 (Online)	Ethics	1.00/3.00	Elective	CCP eligibility requirements
ENG234 (Online)	British Literature: 1785 to present	1.00/3.00	English	ENG 11011
BUS221 (Online)	Microeconomics	1.00/3.00	Financial Literacy/Economics	ACT Read 18 or Accuplacer Read 246
ENG 21011 (Classroom)	College Writing II	1.00/3.00	English	Complete ENG 11011 with a C- or better
PHY 13001 PHY 13021 (Classroom)	General College Physics 1 General College Physics I Lab	1.00/5.00	Science	Complete MATH 11022 with a C or better
MATH 11022 (Classroom)	Trigonometry	1.00/3.00	Math	Complete MATH 10675 with a C or better
MATH 10041 (Classroom)	Introductory Statistics	1.00/4.00	Math	ACT Math 22 or ALEKS Test 35
SOC121 (Online)	Sociology	1.00/3.00	Social Studies	ACT Read 18 or Accuplacer Read 246
COM 121 (Online)	Effective Speaking	1.00/3.00	Elective	CCP eligibility requirements
MATH 12002 (Classroom)--YEAR Course	Analytic Geometry & Calculus I	1.00/.5.00	Math	Complete MATH 11022 with a C or better
PSY123 (Online)	Human Growth & Development	1.00/3.00	Psychology	PSY121
SOC225	Cultural Diversity	1.00/3.00	Social Studies	CCP eligibility requirements

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.

Fairless Digital Academy

Introduction: The Fairless Digital Academy, FDA, offers a wealth of online courses through a variety of online curriculum vendors to enrich the education of students as they prepare for both college and career. 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:
99AG0300	Agriculture	1	1	Prerequisites: Health, Biology, Chemistry
99onlACT	ACT Math and Science Review	0.5	1	Approved FDA Application and junior or senior standing recommended
99ENGRDACT	ACT Reading and English Review	0.5	1	Approved FDA Application and junior or senior standing recommended
99ALGREV	AIR Algebra 1 Review	0.5	1	Sophomore, junior or senior standing recommended
99ELAREV	AIR ELA Review	0.5	1	junior or senior standing recommended
99AL0300	American Literature	1	1 or 2	Prerequisite: CCP College Writing 1 and 2 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
99APC2500	AP Calculus BC	2	2	Prerequisite: CCP Calculus 1
99APCSP400	AP Computer Science Principles	2	2	Grade of B or higher in Intro to Computer Science
99APELA40	AP English Language and Composition	2	2	Prerequisite: CCP College Writing 1 and 2 or senior standing
99APLIT400	AP English Literature and Composition	2	2	Prerequisite: CCP College Writing 1 and 2 or senior standing
99APEH0200	AP European History	2	2	Prerequisites: World History, American History, and a score of at least 3 (proficient) or higher on the American History AIR test
99APMU0200	AP Music Theory	2	2	Prerequisite: at least two high-school level band or choir credits and instructor permission
99APUSH040	AP US History	2	2	Prerequisites: World History, American History, and a score of a least 3 (proficient) or higher on the American History AIR test
99APWH0400	AP World History	2	2	Prerequisites: World History, American History, and a score of at least 3 (proficient) or higher on the American History AIR test
99BUSAPS	Business Applications Specialist	1	1	Junior Standing, approved FDA application

COURSE NUMBER	COURSE TITLE	CREDIT	NUMBER OF PERIODS	PREREQUISITE(S) beyond FDA application approval:
99BL0100	Classical British Literature	1	1 or 2	Prerequisite: CCP College Writing 1 and 2 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
99CCH0400	College and Career Horizons - Honors Diploma Portfolio	1	1	Junior or Senior standing
99EE0400	Environmental Engineering	2	2 periods for 1	Prerequisites: Algebra I, Physical Science, Biology, and Chemistry; Earned a score of 3 or proficient on the Algebra I, Geometry, and Biology AIR tests
99EG0300	Epic Geography	1	1	American History and a score of 3 (proficient) on the American History AIR test
99FR1200	French	1	1	2 credits of Spanish or course acceleration
99CS0100	Intro to Computer Science	1	1	Algebra 1 with grade of B or better proficient or higher on OST Algebra 1
99ACC0100	Introductory Accounting	1	1	Business Application Specialist and Personal Finance
99LSM0400	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 3 (proficient) in the AIR Biology test
ODECRED01	Ohio Department of Education Credential	1	1	Prerequisite: Retaken State-Required tests in Algebra and English Language Arts
99STEMFE	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
99TH0400	Teaching Horizons	1	1	Junior or Senior standing

ART

INTRODUCTION:

The courses offered by the Art Department at Fairless High School are arranged to fulfill two basic goals. First, Art I and Art II are designed to give the student an introduction to art so that they not only experience what being in art is all about, but also develop an appreciation for art and what a large role it plays in society. Secondly, students can decide whether an art course provides them with a basic preparatory background for further work in higher education. The accelerated and advanced art courses reflect a wide background in the basic skills necessary for any field of art: drawing, color theory, and two-and-three dimensional design.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
0800	Survey of Art I	9-12	.50	18	None
0805	Survey of Art II	10-12	.50	18	0800
0825	Accelerated Art III	11-12	1	36	0800 & 0805
0830	Advanced Art	12	1	36	0800, 0805, & 0825

SURVEY OF ART I	Gr. 9-12	18 Weeks	.50 Credit
------------------------	----------	----------	------------

COURSE DESCRIPTION:

Survey of Art I introduces students to the Fine Arts. Art I is required for any freshman who is not in band or choir. The beginning student will be exposed to various methods and media of fine arts. He/She will be expected to know basic facts and procedures dealing with these methods and media, and will be expected to complete certain exercises and assignments using these methods and media. 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

SURVEY OF ART II	Gr. 10-12	18 Weeks	.50 Credit
-------------------------	-----------	----------	------------

COURSE DESCRIPTION:

Survey of Art II is a continuation of the Survey of Art I course. Art II is required for any sophomore who is not in band or choir. Students will review what they learned in the Survey of Art I course. The methods and media covered will be basically the same as Survey of Art I, with variations in assignments and projects. Students will be expected to demonstrate a better mastery of the procedures learned in Survey of Art I. In addition to the studio work, weekly writing assignments centering on art history will be assigned.

Prerequisite: Successful completion of Survey of Art I. The prerequisite may be waived by the art instructor if the student can show knowledge of the material covered in Survey of Art I.

ACCELERATED ART III	Gr. 11-12	36 Weeks	1 Credit
----------------------------	-----------	----------	----------

COURSE DESCRIPTION:

Accelerated Art III, an elective course, is designed primarily for students seriously interested in Fine Arts, or interested in following art as a career. The student will be expected to work at an accelerated level in accordance with the Ohio Visual Arts Standards. The media used will include: drawing, painting, ceramics, two-or three-dimensional design, sculpture, digital media and subdivision or any combination of these areas. The student may be asked to provide some additional supplies.

A digital art portfolio will be started during the course, and will be finished in Advanced Art IV the following year if they choose to continue. Students will have some type of collaborative final project at the end of the year as an exam grade.

Prerequisite: Successful completion of Art I and Art II, with at least a "B," is highly recommended. The instructor may waive the prerequisite upon demonstration by the students of his/her ability to successfully complete the work expected in this course.

ADVANCED ART IV	Gr. 12	36 Weeks	1 Credit
------------------------	--------	----------	----------

COURSE DESCRIPTION:

Advanced Art IV, is an elective course designed exclusively for students seriously interested in Fine Arts, or in art, as a career. The student will be expected to work at an advanced level in accordance with the Ohio Visual Arts Standards. This course of work may include: drawing, painting, ceramics, two-or three-dimensional design, sculpture, digital media and subdivision or any combination of these areas. It is strongly suggested that only students with a mature sense of self-discipline register. The student may be asked to provide some additional supplies. A digital art portfolio will be completed by the end of the year, which began with Accelerated Art III. Students will have a collaborative final project at the end of the year as an exam grade.

Prerequisite: Successful completion of Art I, Art II, and Advanced Art III with at least a "B," is highly recommended. The instructor may waive the prerequisite upon demonstration by the students of his/her ability to successfully complete the work expected in this course.

BUSINESS, MARKETING, & TECHNOLOGY

INTRODUCTION:

The Business, Marketing, 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
0051	Business Communications	9-12	.50	18	None
0540	Financial Literacy	9-12	.50	18	None
0118	Intro to Sports Media	9-12	.50	18	None
0116	Sports Media	10-12	1.00	36	Intro to Sports Media
99BUSAPS	Business Applications Specialist	11-12	1.0	Year-long	Junior standing (FDA Approved Application)
99ACC0100	Introductory Accounting	11-12	1.0	Year-long	(FDA Approved Application) Intro to Personal Finance, Business Applications Specialist
ITD122	Computer Applications	9-12	1.0	Semester	CCP Placement
ACC130	Business Law & Ethics	9-12	1.0	Semester	CCP Placement
99CS0100	Intro to Computer Science	10-12	1.0	Year long	Algebra 1 with grade of B or better proficient or higher on OST Algebra 1

BUSINESS COMMUNICATIONS	Gr. 9-12	18 Weeks	.50 Credit
--------------------------------	----------	----------	------------

COURSE DESCRIPTION:

Students will learn communication and presentation skills, how to interview well for a job or college application including virtual environments, and how to use technology to communicate.

Prerequisite: None

FINANCIAL LITERACY	Gr. 9-12	18 Weeks	.50 Credit
---------------------------	----------	----------	------------

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 during either their junior or senior year.***

Prerequisite: None

INTRODUCTION TO SPORTS MEDIA	Gr. 9-12	3618 Weeks	.50 Credit
-------------------------------------	----------	------------	------------

COURSE DESCRIPTION:

Introduction to photo editing apps, graphics creation, and posting on social media about sports teams.

SPORTS MEDIA	Gr. 10-12	36 Weeks	1.00 Credit
---------------------	-----------	----------	-------------

COURSE DESCRIPTION:

Students will learn about sports media technology, with an emphasis on player and coach interviews, information of players/schedules/opponents and animations from recorded media (partnering with the Broadcasting class), as well as creating the presentations which will be displayed on the school's video board. There will be required extracurricular time outside of the school day for running the video board inside the gymnasium for home games (Volleyball, Basketball and Wrestling) which will make up 25% of their final grade. Students will be trained on the proper operation of the media board and each student will receive a Sports Media Game Pass to enter into ALL sporting events throughout the year for **free**.

Prerequisite: Introduction to Sports Media

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.

Business Applications Specialist	Gr. 11-12	Must be completed in 1 school year	1.0 Credit
---	-----------	------------------------------------	------------

Business Applications Specialist taught by Todd Edmond, provides students with an introduction to how businesses use technology to manage immense amounts of data, and develops general study skills for continuing education. Through historical context, extensive examples, and practice, students learn the importance of making informed decisions based on data mining and analysis, and the inquiry skills necessary to avoid pitfalls. This course develops communication skills while providing a firm foundation for students looking to excel in technology and management related advanced postsecondary degrees. Students will gain an understanding of using the Internet to promote a business and the responsibility that goes along with worldwide communications. Students will learn the basics of workplace communication, become familiar with financial statements, learn to structure business documents, and gain an understanding of how businesses function. Students will learn about economics, business legalities, and given training on skills such as oral presentation and timed writing. From writing a resume to managing employees, this course will enable students to strengthen their business skills and prepare them to gain further knowledge through the study of business-related college majors and careers.

Prerequisite: Junior Standing, approved FDA application

Introductory Accounting	Gr. 11-12	Must be completed in 1 school year	1.0 Credit
--------------------------------	-----------	------------------------------------	------------

This course, taught by Mark Rogers, provides a basic business, marketing, and finance background for students looking for a career in business or for students desiring further preparation before entering college in a business and finance related major. Course topics include: economics, management, operations, finances, future planning, insurance, accounting, communication, human resources, personal growth, and taxes and illicit activities. The second part of this course dives deeper into the field of accounting, covering the process of recording, analyzing, classifying, summarizing, and communicating accounting information. Students will have the opportunity to learn how to interpret and formulate financial information for use in management decision making. Mr. Rogers helps students to investigate the impact of industry standards as well as economic, financial, legal, and ethical factors.

Prerequisites: Personal Finance, Business Application Specialist, and FDA Approved Application

Introduction to Computer Science	Gr. 10-12	Must be completed in 1 school year	1.0 Credit
---	-----------	------------------------------------	------------

An interactive introductory course for students brand new to programming which teaches the foundations of computer science, using the Python language. Not only will this course prepare students for AP Computer Science Principles, but it will teach students how to think computationally and solve complex problems, skills important for every student.

Prerequisite: Algebra 1 with grade of B or better and proficient or higher on OST Algebra 1

WORK-BASED LEARNING & COMMUNITY SERVICE 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
0050	Foundations of Reading and Writing	9	0.50	18	Placement
0116	Advanced College and Career Ready English 9	9	1.00	36	Language Arts Grade 8
0121	Advanced College and Career Ready English 10	10	1.00	36	See course description below
0136	Advanced College and Career Ready English 11	11	1.00	36	See course description below
0141	College and Career Ready English 12	12	1.00	36	See course description below
0180	Introduction to Broadcasting	9-12	1.00	36	None
0192	Broadcasting II, III, IV	11-12	1.00	36	Introduction to Broadcasting OR Advisor approval
0177	Media Communication I-IV (formerly Newspaper)	9-12	1.00	36	Advisor approval
0185	Yearbook	9-12	1.00	36	Advisor approval
ENG 11011	College Writing 1	9-12	1.00	18	CCP Placement
ENG 21011	College Writing 2	9-12	1.00	18	CCP Placement
ENG237	American Lit: 1865 to Present	9-12	1.00	18	CCP Placement
ENG234	British Lit: 1785 to Present	9-12	1.00	18	CCP Placement
99BL0100	Classical British Literature	10-12	1.00	1 school year	CCP College Writing 1 and 2 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

99AL0300	American Literature	10-12	1.00	1 school year	CCP College Writing 1 and 2 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
	AP English Language and Composition	9-12	2.00	1 school year	College Writing 1 and 2, FDA application approval
	AP English Literature and Composition	9-12	2.00	1 school year	College Writing 1 and 2, FDA application approval

FOUNDATIONS OF READING AND WRITING	Gr. 9	36 Weeks	.50 Credit
---	-------	----------	------------

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.

ADVANCED COLLEGE AND CAREER READY ENGLISH 9	Gr. 9	36 Weeks	1.0 Credit
--	-------	----------	------------

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

ADVANCED COLLEGE AND CAREER READY ENGLISH 10	Gr. 10	36 Weeks	1.0 Credit
---	--------	----------	------------

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 Advanced College and Career Ready English 9

ADVANCED COLLEGE AND CAREER READY ENGLISH 11	Gr. 11	36 Weeks	1.0 Credit
---	--------	----------	------------

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 Advanced College and Career Ready English 10

COLLEGE AND CAREER READY ENGLISH 12	Gr. 12	36 Weeks	1.0 Credit
--	--------	----------	------------

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

INTRODUCTION TO BROADCASTING	Gr. 9-12	36 Weeks	1.0 Credit
-------------------------------------	----------	----------	------------

COURSE DESCRIPTION:

This class is designed to 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. After taking this class, students may sign up to take Broadcasting.

Prerequisite: None

BROADCASTING II, III, IV	Gr. 11-12	36 Weeks	1.0 Credit
---------------------------------	-----------	----------	------------

COURSE DESCRIPTION:

Students will work individually, or in teams, to film the people and events at Fairless, and create highlight shows that tell their stories. Students are required to film an average of one hour or more, outside of class, each week and create a show every other week.

Prerequisite: Intro to Broadcasting or teacher approval

MEDIA COMMUNICATION I-IV	Gr. 9-12	36 Weeks	1.0 Credit
---------------------------------	----------	----------	------------

COURSE DESCRIPTION:

Develop your skills for news, public relations, advertising, business, and other careers. Focus on the process of communication – not just composing but planning, revising, proofreading, and editing. Students in this class will work together to create announcements, advertisements, and news on multiple media platforms for the Fairless community.

Prerequisite: Teacher approval

YEARBOOK	Gr. 9-12	36 Weeks	1.0 Credit
-----------------	----------	----------	------------

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

CCP Course				
ENG 21011 - College Writing II 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				
<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+

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				

<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+

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
--	----------	---	-------------

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 1 and 2, 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
--	----------	---	-------------

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 1 and 2, 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
-------------------------------------	-----------	---	-------------

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 1 and 2 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
----------------------------	-----------	---	-------------

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 1 and 2 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
0916	Principles of Food	9-12	.50	18	None
0917	Culinary Fundamentals	9-12	.50	18	None
0905	Child Development	9-12	.50	18	None
0918	Food Science	10-12	.50	18	Principles of Food or Culinary Fundamentals
0920	Global Food	10-12	.50	18	Principles of Food, Culinary Fundamentals, and Food Science
0919	Transitions and Careers	9-12	.50	18	None

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

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
--	----------	----------	-------------

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
--------------------------	----------	----------	-------------

COURSE DESCRIPTION:

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
-------------------------------	-----------	----------	-------------

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
-------------------------------	-----------	----------	-------------

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, Culinary Fundamentals, and Food Science

TRANSITIONS AND CAREERS	Gr. 9-12	18 Weeks	.50 credits
--------------------------------	----------	----------	-------------

COURSE DESCRIPTION:

Students will analyze interests and build skills to prepare for careers and transition through life. An emphasis will be placed on life plans, work ethic, team building, communications, stress and building relationships at work and home.

Prerequisite: None

GENERAL ELECTIVES

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
1100	Unlocking Potential	9-12	0.25-1.0	Quarter to Year-long	Referral
2000	Sophomore Review	10	1.0	Year-long	Sophomore standing
99AG0300	Agriculture	11-12	1.0	Year-long	Health, Biology, Chemistry; approved FDA application
IDS115	College Success Skills/ Ohio Means Jobs Readiness	9-12	1.00/3.00	Semester	CCP Acceptance
99CCH0400	College and Career Horizons - Honors Diploma Portfolio	11-12	1.0	Year-long	Approved FDA Application and junior or senior standing
99TH0400	Teaching Horizons	11-12	1.0	Year-long	Approved FDA Application and junior or senior standing
99onlACT	ACT Math and Science Review	11-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
99ENGRDACT	ACT Reading and English Review	11-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
99ALGREV	AIR Algebra I Review	10-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
99ELAREV	AIR ELA Review	11-12	0.5	Semester	Approved FDA Application and junior or senior standing recommended
ODECRED01	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
----------------------------	---------	----------------------	--------------------

This course dives into how to view adversities and past experiences as advantages for future success.

Prerequisites: Referral

SOPHOMORE REVIEW	Gr.10	Year-long	1.0 credit
-------------------------	-------	-----------	------------

This course reviews for each of the state standardized tested subjects for sophomores including ELA 2, American History, Biology, and Geometry. Enrichment is provided for students who are taking Algebra 2. Graded as pass/fail.

Prerequisites: Sophomore standing

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
--	----------	----------------------	-----------------

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
--------------------	----------	------------------------------------	------------

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
---	-----------	------------------------------------	-------------

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
--------------------------	-----------	------------------------------------	-------------

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

ACT MATH AND SCIENCE REVIEW	Gr.9-12	Semester	.50 credit
------------------------------------	---------	----------	------------

Students will use online tools to assist in the review of math and science material to potentially increase their score on the ACT. Students will also learn about testing strategies specific to the ACT. Students should expect to work daily on preparing for the ACT, a minimum of a semester, prior to the exam date.

Prerequisites: Approved FDA application; junior standing recommended

ACT READING AND SCIENCE REVIEW	Gr.9-12	Semester	.50 credit
---------------------------------------	---------	----------	------------

Students will use online tools to assist in the review of reading and English material to potentially increase their score on the ACT. Students will also learn about testing strategies specific to the ACT. Students should expect to work daily on preparing for the ACT, a minimum of a semester, prior to the exam date.

Prerequisites: Approved FDA application; junior or senior standing recommended

AIR ALGEBRA 1 REVIEW	Gr.10-12	Semester	.50 credit
-----------------------------	----------	----------	------------

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

AIR ELA REVIEW	Gr. 11-12	Semester	.50 credit
-----------------------	-----------	----------	------------

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
---------------	----------	------------

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
99PA0010	Pre-Algebra	9	1.00	36	Placement
0225	Algebra I	8/9	1.00	36	None
0230	Geometry	9-10	1.00	36	0225
0235	Algebra II	10-12	1.00	36	0230
0234	Mathematical Modeling & Reasoning	10-12	1.00	36	0230
0240	Pre-Calculus	11-12	1.00	36	0234 or 0235
0241	Discrete Math and Computer Science	12	1.00	36	0234 or 0235
MATH 10675	Algebra for Calculus Boost	10-12	5.00	18	CCP Placement
MATH 11022	Trigonometry	10-12	1.00	18	CCP Placement
MATH 10041	Introductory Stats	11-12	1.00	18	CCP Placement
MATH 12002	Analytical Geometry and Calculus I	11-12	1.00	36	CCP Placement
99APC2500	AP Calculus BC (Calculus 2)	11-12	1.00	Year-long	MATH 12002, FDA approved application

PRE-ALGEBRA	Gr. 9	36 weeks	1.0 credits
--------------------	-------	----------	-------------

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
------------------	---------	----------	------------

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
-----------------	----------	----------	------------

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

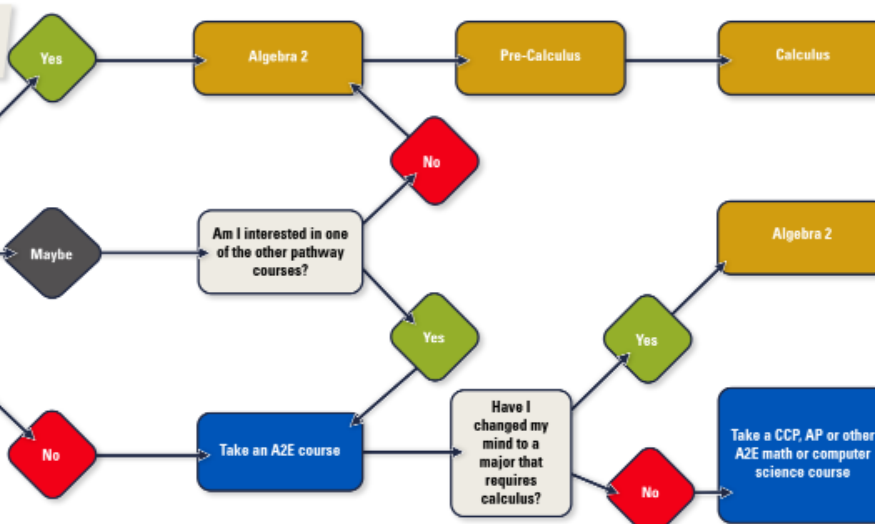
Not sure which course to take?

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 Transitions Math, Pre-Calculus, or CCP Intro to Stats 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 third or fourth unit of mathematics and is one of Ohio's new Algebra 2 equivalent Math Pathways' courses.

Discrete Math/Computer Science (DMCS) will explore a variety of discrete math topics through a mix of hands-on classroom activities, traditional mathematical/logical reasoning and interactive computer science activities designed for students with no prior coding experience. Topics include Computational Thinking, Computer Logic, Game Theory, Counting/Combinatorics, Probability, Connectivity, Iteration and Recursion, and Cryptography. All topics emphasize logical reasoning, proof, and communication with precise mathematical and computer science language.

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

PRE-CALCULUS	Gr. 11-12	36 Weeks	1.0 Credit
---------------------	-----------	----------	------------

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 Study of elementary functions and graphs, including polynomial, exponential and logarithmic functions, complex numbers; conic sections; arithmetic and geometric sequences. In addition, factoring, negative and rational exponents, and quadratic functions are covered.		
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 Accuplacer 55 OR ALEKS Math 35+ 		

CCP Course		
MATH 11022 - Trigonometry 3.000 Credit hours Solution of triangles, trigonometric equations and identifies		
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 11010 	or	ALEKS Math 60+

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 ALL YEAR 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 11010 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 45+

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
--	-----------	---	-------------

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

MUSIC

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
0862	Jazz Band	9-12	1.00	36	Band member
0866	Silver Wings	10-12	1.00	36	Audition Choir Member
0858	Concert Choir	9-12	1.00	36	None
0831	Chorale	10-12	1.00	36	Audition
0861 0860	Concert Band: Symphonic Band Wind Ensemble	9-10 11-12	1.00	36	None
0890	Musical Arts	9-12	1.00	Year-long	None
99APMU0200	AP Music Theory	10-12	1.00	Year-long	Musical Arts and at least two high-school level band or choir credits, teacher approval, and FDA approved application

JAZZ BAND	Gr. 9-12	36 Weeks	1.0 credits
------------------	----------	----------	-------------

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
---------------------	-----------	----------	-------------

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.

CHORALE	Gr. 9-12	36 Weeks	1.0 credits
----------------	----------	----------	-------------

COURSE DESCRIPTION:

This course is open to all students who successfully pass examinations in voice and sight reading. Voice checks will be scheduled prior to registration time. Chorale is designed for the more advanced vocal music student. This performing arts ensemble involves performances within and outside of the school day, which are a required part of the class.

Prerequisite: Placement

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

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

MUSICAL ARTS	Gr. 9-12		1.00 credit
---------------------	----------	--	-------------

The Musical Arts course will provide students with a variety of musical experiences. Topics covered will include: modern music and culture - 1950's to today, American musical theater, cinematic music, music composition using online apps, careers in the musical arts (performing and non-performing). This course satisfies the fine art requirement for graduation.

Prerequisite: None

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 MUSIC THEORY	Gr. 10-12	Must be completed in 1 school year; 2 periods per day	2.0 credits
------------------------	-----------	---	-------------

This rigorous AP Music Theory course, taught by Ky Hascall, provides students with an in-depth foundation of music theory, including the elements of musical composition. It is an excellent preparation for students desiring a music-related career and for those planning to take the AP Music theory exam. Course topics include: Music Theory Foundations, Compound Melodic and Harmonic Intervals, Establishing the Two-Sequences, and Preparing for the AP Test.

Prerequisite: Musical Arts, and at least two high-school level band or choir credit, teacher permission, and FDA approved application

PHYSICAL EDUCATION

INTRODUCTION:

Any student in the Class of 2024 who **completes 2 seasons** of athletics, marching band or cheerleading may trade Physical Education for another 0.5 credit course. See Physical Education Waiver Application on the last page of this book.

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

Ohio requires .50 credits in physical education for graduation, unless a student is eligible for the physical education waiver. All students in P.E. 9 will participate in the Ohio Physical Education Assessment.

COURSE NUMBER	COURSE TITLE	GRADE	CREDIT	NUMBER OF WEEKS	PREREQUISITE
0010	Physical Education - 9	9-12	0.25	18	None
0011	Physical Education - 10	9-12	0.25	18	None
0012	Sports Nutrition	10-12	0.25	18	Teacher Approval
6935	Weight Training	10-12	0.25	18	Teacher Approval

PHYSICAL EDUCATION - 9	Gr. 9-12	18 Weeks	.25 credits
-------------------------------	----------	----------	-------------

COURSE DESCRIPTION:

PE 9 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 9.

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

PHYSICAL EDUCATION - 10	Gr. 9-12	18 Weeks	.25 credits
--------------------------------	----------	----------	-------------

COURSE DESCRIPTION:

PE 10 is an elective physical education course, in which students learn and participate in activities in which they can be active throughout their lives. This course will provide students with the knowledge and understanding of activities that promote lifelong participation. Examples of activities include walking units, racquet sports, golf, weight training, and bowling, to name a few.

Prerequisite: None

SPORTS NUTRITION	Gr. 10-12	18 Weeks	0.25 credits
-------------------------	-----------	----------	--------------

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
------------------------	-----------	----------	--------------

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

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
0300	Physical Science	9	1.00	36	None
0315	Biology	10	1.00	36	Physical Science
0325	Chemistry	11-12	1.00	36	Biology and Algebra I
0310	Physical Science II	11-12	1.00	36	Biology (cannot have already taken Chemistry)
0335	Physics	12	1.00	36	Algebra II or Equivalency or CCP Trigonometry and Chemistry
PHY 13001 PHY 13021	General College Physics1 with Lab	11-12	1.00/5.00	18	CCP Placement
PHY 21430/431	Frontiers in Astronomy and lab	11-12	1.00/4.00	18	CCP Placement
99LSM0400	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
99EE0400	Environmental Engineering	11-12	2.00	2 class periods (1 online, 1 laboratory)	Algebra I, CCP Introduction to Statistics recommended co-requisite, Biology and Chemistry as a co-requisite; Earned a score of 3 or

					proficient on the Algebra I, Geometry, and Biology AIR tests, approved FDA application
99STEMFE	STEM Field Experience	12	0.5	120 clock hours	Senior standing and on a pathway leading towards the STEM honors diploma

PHYSICAL SCIENCE	Gr. 9	36 Weeks	1.0 credits
-------------------------	-------	----------	-------------

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

BIOLOGY	Gr. 10	36 Weeks	1.0 credits
----------------	--------	----------	-------------

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
------------------	-----------	----------	-------------

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.

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

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
----------------	--------	----------	-------------

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
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
<ul style="list-style-type: none"> Math 11022 with a minimum C grade.
<ul style="list-style-type: none"> 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
---	-----------	--	-------------

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

ENVIRONMENTAL ENGINEERING	Gr. 11-12	2 class periods including 1 lab period	2.0 credits
----------------------------------	-----------	--	-------------

Taught by Acellus Course Instructor Mike Carney, the course encourages students to engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. Throughout the course and its lab sessions, students will analyze environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. This interdisciplinary course embraces topics from geology, biology, environmental studies, environmental science, chemistry, and geography. It is recommended for students who have completed Algebra I and two years of high school laboratory science.

In addition, they will study the many environmental problems that our planet is facing today, plus various efforts to solve these problems, ultimately leading to a deeper understanding of the need for a sustainable future. Emphasis will be placed on authentic learning projects involving the solar field located on the Fairless Local School District site.

Prerequisites: Algebra I, CCP Introduction to Statistics recommended co-requisite, Biology, and Chemistry; earned a score of 3 or proficient on the Algebra I, Geometry, and Biology AIR tests, approved FDA application.

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
0455	Modern World History	9	1.00	36	None
0450	American History	10	1.00	36	None
0435	Psychology	11-12	1.00	36	Junior/Senior standing
0434	World Geography	9-12	1.00	36	None
0410	American Government & Economics	11-12	1.00	36	Junior/Senior standing
PSC121	Political Science	11-12	1.00	18	CCP Placement
PSY121	General Psychology	11-12	1.00	18	CCP Placement
BUS221	Microeconomics	11-12	1.00	18	CCP Placement
SOC121	Intro to Sociology	11-12	1.00	18	CCP Placement
PHL122	Ethics	11-12	1.00	18	CCP Placement
HIS121	US History I: to 1877	10-12	1.00	Semester	CCP Placement
HIS122	US History II: from 1877	11-12	1.00	Semester	CCP Placement
HIS222	World Civilization from 17th Century	11-12	1.00	Semester	CCP Placement
SOC225	Cultural Diversity	11-12	1.00	Semester	CCP Placement
PSY123	Human Growth and Development	11-12	1.00	Semester	CCP Placement
SOC123	Dynamics of the Family	11-12	1.00	Semester	CCP Placement
99EG0300	Epic Geography	11-12	1.00	Year-long	American History and a score of 3 (proficient) or higher on the American History, AIR test, FDA

					approved application
99APWH0400	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
99APEH0200	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
99APUSH040	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. 9	36 Weeks	1.0 credits
-----------------------------	-------	----------	-------------

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
-------------------------	-------	----------	-------------

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	36 Weeks	1.0 credits
-------------------	-----------	----------	-------------

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

WORLD GEOGRAPHY	Gr.9-12	36 Weeks	1.0 credits
------------------------	---------	----------	-------------

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. 11-12	36 Weeks	1.0 credits
--	-----------	----------	-------------

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 - Political Science 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--Online				
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--Online				
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--Online				
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+

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.

Epic Geography	Gr. 11-12	Must be completed in 1 school year	1.0 credit
-----------------------	-----------	------------------------------------	------------

The Epic Geography course is a Hollywood-style high school elective, that examines the pivotal events which have defined world history. The course spans the early civilizations of the Indus Valley through to the Cold War crisis and the global events that are shaping our modern times. The choice of the subject matter for this course and the way it is presented stimulate critical thinking in students as they make connections between these significant moments in time

and assess their impact at the time as well as on us today. The course also engages students with virtual excursions into the historical times and places that have defined our lives, giving them a “you-are-there” experience of the past. The Geography portion of this course investigates the lands, the features, the inhabitants, and the phenomena of the Earth. Dr. Tjaden explores the physical and cultural geography of the world and helps students to understand how physical surroundings shape and impact the everyday lives of people around the world. He discusses how people deal with difficult environments and how they use their environment to their advantage. He further explores geography-related challenges that lie ahead, as well as physical resource management. Acellus Geography helps high school students obtain a good foundation in world geography.

Prerequisite: American History and AIR American History score of 3 (proficient) or higher

AP European History	Gr. 11-12	Must be completed in 1 school year; 2 periods per school day	2.0 credits
----------------------------	-----------	--	-------------

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
----------------------	-----------	---	-------------

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
-------------------------	-----------	---	------------

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
0715	Spanish I	9-12	1.00	36	None
0720	Spanish II	10-12	1.00	36	0715
0725	Spanish III	11-12	1.00	36	0720
0750	Advanced Placement Spanish (Spanish IV)	12	1.00	36	0725
99FR1200	French	11-12	1.00	Year-long	2 credits of Spanish, approved FDA application

SPANISH I	Gr. 9-12	36 Weeks	1.0 Credit
------------------	----------	----------	------------

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
-------------------	-----------	----------	------------

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
--------------------	-----------	----------	------------

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
--	-----------	----------	-------------

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
---------------	-----------	------------------------------------	------------

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

Class of 2024-ONLY
PHYSICAL EDUCATION WAIVER APPLICATION

The Fairless Board of Education has discontinued the Physical Education Waiver Option starting with the class of 2025. School Year 2023-24 (Last year offered)

Student Name: _____ Grade: _____ Phone : _____
Street: _____ City: _____ Zip: _____
Projected Graduation Year: 2024 (only class to which this waiver applies)

I am working toward having the physical education requirement waived. I know this does not excuse me from taking the required number of credits toward graduation. I have been a part of the following extracurricular activity(ies) for the entire season(s):

FALL	WINTER	SPRING
_____ Volleyball	_____ Basketball	_____ Softball
_____ Cross Country	_____ Wrestling	_____ Baseball
_____ Football	_____ Cheerleading	_____ Track
_____ Soccer		
_____ Marching Band		
_____ Cheerleading		
_____ Other - Please list: _____		

Student Signature: _____

Parent/Guardian Signature: _____

Parent/Guardian Name: _____

(Please Print)

**It is the responsibility of the student to update this form after each season.
Please return this completed form to the high school office.**

For office use only

_____ This student is approved for the seasons indicated.

_____ This student is NOT approved for the seasons indicated.

Coach(es) Signature(s) _____ Date _____

AD Signature _____ Date _____

FHS Prin. Signature _____ Date _____

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.