

# AVON HIGH SCHOOL



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**PROGRAM OF STUDIES**  
**2021-2022**



Dear Parents and Students:

With great excitement the faculty of Avon High School in collaboration with the Avon Board of Education presents the **2021-2022 Program of Studies!** This document is filled with quality opportunities for our learners to assist in their high school education experience.

Education in Ohio continues to be in transition in regard to graduation requirements and end of course exams. Students should pay particular attention to graduation requirements.

Avon High continues to bring additional CCP and AP coursework to our campus to assist our career and college bound learners. The following new courses have been offered in this year's Program of Studies scheduling guide:

**NEW!**

- PIA100 – Introduction to Piano
- SCU204 – Sculpture
- CCP BADM 155 - Introduction to Business Administration
- CCP BADM 220 - Principles of Supply Chain Management
- CCP BADM 281G - International Business

The window for course selection via PowerSchool is rather narrow. Pay close attention to announcements for deadlines. Counselors will work with students regarding conflicts. **Changes to a student's course requests will not occur after March 1, 2021.**

The Program of Studies is a valuable document that should allow students to engage in courses that provide a strong foundation to their career and college pathways.

*Students: explore this document and consider your strengths as a learner and dreams for the future. Enjoy this opportunity to sculpt your future.*

Eagle proud,

A handwritten signature in black ink, appearing to read 'K. Buller'.

Mrs. Kristina Dobos Buller  
Principal

**THE GOAL OF THE AVON LOCAL SCHOOL DISTRICT IS TO FOCUS OUR EFFORTS ON IMPROVING THE ACADEMIC ACHIEVEMENTS FOR ALL OF OUR STUDENTS.**

**THE MISSION OF THE AVON LOCAL SCHOOL DISTRICT IS TO CREATE EXCELLENCE IN EDUCATION FOR ALL CHILDREN THROUGH A PARTNERSHIP OF HOME, SCHOOL AND COMMUNITY.**

**THE AVON LOCAL SCHOOL DISTRICT WILL PROVIDE STUDENTS WITH A STRONG FOUNDATION OF KNOWLEDGE AND SKILLS. THE LEARNING ENVIRONMENT WILL INCLUDE A VARIETY OF INSTRUCTIONAL METHODS AND RESOURCES, WHICH ENCOURAGE STUDENTS TO BE INDEPENDENT, IMAGINATIVE, RESPONSIBLE LEARNERS. A STUDENT-CENTERED ENVIRONMENT WILL ENABLE THEM TO BE PRODUCTIVE, SUCCESSFUL AND CONTRIBUTING MEMBERS OF OUR GLOBAL SOCIETY.**

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**NON-DISCRIMINATION STATEMENT (TITLE IX)**

All of the courses, programs, and activities presented in this handbook are open to all students regardless of sex, provided that the students have met all established requirements. This policy meets all requirements and directions of the U.S. Department of Education under Title IX of the Education Amendments of 1972 as contained in Section 86 of the Federal Register, P. 24128

# Introduction

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The Program of Studies is published and prepared by the high school administrators, counselors, and teachers.

The purpose of the Program of Studies is to inform students about course requirements needed to successfully meet the graduation requirements of the Avon Board of Education. During the period of course selection, teachers and counselors, working in concert with parents and students, will help to develop the best academic schedule possible for each student attending Avon High School.

The Program of Studies lists courses available to our students at Avon High as well as additional education options through Lorain County Joint Vocational School, Tech Prep, Flexible Credit, and College Credit Plus (CCP). In each course the student will earn a letter grade. The earned credit and grades are combined mathematically to determine the student's grade point average. Each grade carries a weight value. In Advanced Placement courses and College Credit Plus courses, the weight value may be greater.

It is a student and parent responsibility to see that requirements for graduation are met.

Students earn credit toward graduation at Avon High School for each course passed. The school keeps a record of this credit. A personal record of courses passed should also be kept and used as a part of the student's overall high school plan.

As part of the procedure, students must pay attention to the following:

- Some courses have more **credit** than others.
- Some courses are **required** – A student must take and pass them.
- Some courses are **elective** – A student may choose to take them.
- Every freshman and sophomore must take a **minimum load** equaling six (6) courses per semester.
- The **minimum load** for juniors and seniors is five (5) courses per semester.

# Policies & Planning

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## HOW TO PLAN YOUR HIGH SCHOOL EXPERIENCE

Students are encouraged to carefully create a plan that will assist them in reaching their educational career goals. It is suggested that students do the following:

- review all the curricular requirements for graduation,
- request courses online through PowerSchool,
- know and understand the recommended college preparatory curriculum,
- student athletes should pay close attention to the list of NCAA approved courses, and
- consider the curricular and other requirements for the Honors Diploma and any other special recognition.

## SCHEDULE CHANGES

Students and parents are urged to plan carefully as schedules are finalized at the end of the school year and **will not be changed**. Students are required to take a minimum number of courses each year. This “minimum course load” includes both required courses and elective courses.

**After March 1, 2021, changes will not occur unless:**

- **there is a technical error in the scheduling process,**
- **there is a summer school attendance,**
- **there is a scheduling conflict, and/or**
- **course failure has occurred.**

## GRADUATION REQUIREMENTS

Student graduation requirements are determined by the Ohio Department of Education and the Avon Board of Education.

### **A NOTE TO PARENTS AND STUDENTS REGARDING GRADUATION REQUIREMENTS:**

It is a student and parent responsibility to see that requirements for graduation are met. The high school will keep up-to-date records and make every effort to keep students and parents informed about the status of progress toward compiling the necessary course work for graduation requirements.

# State of Ohio and Avon Board of Education Requirements for Graduation

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The Avon Local Board of Education shall award a high school diploma to every student enrolled in the District who meets the requirements of graduation established by the Board and the Ohio Department of Education or who properly completes the goals and objectives specified in his / her individualized education program (IEP).

Graduation Requirements: Students must earn a minimum of twenty-one (21) credits and meet the Ohio Department of Education's assessment requirements applicable to their graduation year. While twenty-one (21) credits are required to graduate, students will be required to enroll in twenty-two (22) credits during their high school experience. Students must take six (6) credits their freshmen and sophomore years and five (5) credits their junior and senior years.

<b>Subject</b>	<b>Credits for Graduation</b>
Language Arts	<b>4</b>
Social Studies	<b>3</b>
Mathematics	<b>4</b>
Science	<b>3</b>
Health	<b>0.5</b>
P.E.	<b>0.5</b>
Fine Arts	<b>1</b>
Electives *students taking ECON through CCP are required to take Financial Literacy	<b>5 minimum</b>
<b>Total Credits</b>	<b>21 minimum</b>

Students must earn 5 elective credits for graduation course requirements. They must be selected from one of any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, language arts, mathematics, science, or social studies courses not otherwise specified.

Credits earned from coursework such as additional physical education, or additional health courses may not be used to meet the 5 credits.

## **GRADUATION REQUIREMENTS – FOR THE CLASS OF 2022**

Students are required to meet state graduation requirements. In addition to their required academic coursework, one of the following three options must be met:

**OPTION #1:** Students must earn a total of 18 points on the seven (7) end-of-course state tests. These tests include Algebra I, Geometry, Language Arts 9, Language Arts 10, Biology, American Government, and US History. Students can earn 1-5 points on each of these tests. Students will be given multiple opportunities to take tests and earn points. Those students who score a three (3) or better will not be re-tested on that assessment. To ensure students are well rounded, they must earn a minimum of four (4) points in math, four (4) points in English and six (6) points across science and social studies. Four (4) additional points are needed to meet the minimum of 18.

<b>LIMITED</b>	<b>1 POINT</b>
<b>BASIC</b>	<b>2 POINTS</b>
<b>PROFICIENT</b>	<b>3 POINTS</b>
<b>ACCELERATED</b>	<b>4 POINTS</b>
<b>ADVANCED</b>	<b>5 POINTS</b>

**OPTION #2:** Students must earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam (SAT or ACT). The State of Ohio will pay one time for all 11th grade students to take the exam free of charge.

<b>SCORES FOR ACT</b>		<b>SCORES FOR SAT</b>	
English	18	Evidence Based	
Reading	22	Reading and Writing	480
Math	22	Math	530

**OPTION #3:** Students must earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The State of Ohio will pay one time for those who take the WorkKeys assessment.

## **GRADUATION REQUIREMENTS – FOR THE CLASSES OF 2023 AND BEYOND**

### **DEMONSTRATING COMPETENCY**

Students must earn a "competency" score of 684 on both the English II and Algebra I end-of-course tests. In lieu of attaining passing scores on the state tests, students can utilize alternative ways to demonstrate competency. Prior to being eligible to demonstrate competency

in alternative ways, students first must receive remedial support and retake the test. The three alternative ways to demonstrate competency for the subject area not passed are as follows:

**OPTION #1: COLLEGE CREDIT PLUS** - Earn college credit in a non-remedial math or English course (for the subject area not passed) to demonstrate competency.

**OPTION #2: CAREER EXPERIENCE AND TECHNICAL SKILL** – Complete two demonstrations to show competency, at least one of which must be foundational.

#### **FOUNDATIONAL:**

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

#### **SUPPORTING:**

- a) Complete a 250-hour work-based learning experience with evidence of positive evaluations;
- b) Earn the workforce readiness score on WorkKeys; or
- c) Earn the Ohio Means Jobs Readiness Seal.

**OPTION #3: MILITARY READINESS** – Competency can be achieved by meeting the requirements to enlist in the military, as demonstrated by a contract with the military to enlist upon graduation.

**NOTE:** For any students receiving special education and related services under Ohio Revised Code Chapter 3323, the individualized education program specifies the manner in which the student will participate in the assessments for the purpose of demonstrating competency.

More information is forthcoming from the Ohio Department of Education.

### **DEMONSTRATING READINESS**

In addition to fulfilling curriculum requirements and earning the competency requirements listed above, students also must show they are prepared for college or careers.

Ohio law created 12 seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success.

Students will demonstrate readiness **by earning at least two diploma seals, one of which must be state defined.** Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school.

State-Defined Diploma Seal*	Requirements
Ohio Means Jobs Readiness Seal	Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.
State Seal of Biliteracy	Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.
Industry-Recognized Credential Seal	Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions. <i>(More information will be forthcoming from the Ohio Department of Education.)</i>
College-Ready Seal	Earn remediation-free scores on the ACT or SAT.
Military Enlistment Seal	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program. <i>(More information will be forthcoming from the Ohio Department of Education.)</i>
Citizenship Seal	A student can: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on both the American History and American Government end-of-course exams;</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exams; or</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in appropriate classes taken through the College Credit Plus program.</li> </ol>
Science Seal	A student can: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on the Biology end-of-course exam;</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exams; or</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in appropriate class taken through the College Credit Plus program.</li> </ol>
Honors Diploma Seal	Earn one of five Honors Diplomas outlined below: <ol style="list-style-type: none"> <li>1. Academic Honors Diploma</li> <li>2. Career-Tech Honors Diploma</li> <li>3. STEM Honors Diploma</li> <li>4. Arts Honors Diploma</li> <li>5. Social Studies and Civic Engagement Honors Diploma</li> </ol>
Technology Seal	A student can: <ol style="list-style-type: none"> <li>1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement exam; or</li> <li>2. Earn a final course grade that is equivalent to a “B” or higher in appropriate class taken through the College Credit Plus program; or</li> <li>3. Complete a course offered through the district or school that meets guidelines developed by the Department of Education. (A district or school is not required to offer a course that meets those guidelines.) <i>(More information will be forthcoming from the Ohio Department of Education.)</i></li> </ol>

Locally-Defined Diploma Seals*	Requirements
Community Service Seal	Student must complete thirty (30) or more hours of approved community service.
Fine and Performing Arts Seal	Student must earn two (2) credits or equivalent in fine arts and/or performing arts.
Certified Student Engagement Seal	Student must complete one (1) of the following: <ol style="list-style-type: none"> <li>1. A student must complete at least one full season of a school-sponsored varsity, junior varsity or freshman sport.</li> <li>2. A student must participate in at least one full year of an AHS club or organization.</li> </ol>

**EARLY GRADUATION**

Notification for early graduation will be submitted to the high school principal in accordance with board policy. The principal may honor this request if all conditions for graduation are met and the student fulfills the graduation requirements. Notification must be in writing and include a school counselor endorsement / transcript review. The deadline for consideration for early graduation is **October 31\*** of the academic year the student wishes to graduate.

# State of Ohio Honors Diplomas

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High School students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences. Ohio students have the opportunity to choose to pursue one of five honors diplomas: Academic Honors Diploma, Career Tech Honors Diploma (via Lorain County Joint Vocational School), STEM Honors Diploma, Arts Honors Diploma, and the Social Science and Civil Engagement Honors Diploma.

## State of Ohio Academic Honors Diploma

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Students must meet all but one (1) of the following criteria.

Subject	Criteria
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course
<b>Science</b>	4 units, including 2 units of advanced science
<b>Social Studies</b>	4 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units in each of two world languages studied
<b>Fine Arts</b>	1 credit
<b>Grade Point Average</b>	3.5 on 4.0 scale
<b>ACT / SAT Score</b> (excluding scores from the writing sections)	27 or higher ACT / 1280 or higher SAT

## State of Ohio Career Tech Honors Diploma

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This is achieved via the Lorain County Joint Vocational School.

## State of Ohio STEM Honors Diploma

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Students must meet all but one (1) of the following criteria.

Subject	Criteria
<b>Mathematics</b>	5 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	5 units, including 2 units of advanced science
<b>Social Studies</b>	3 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units in each of two world languages studied
<b>Fine Arts</b>	1 unit
<b>Electives</b>	2 units with a focus in STEM
<b>Grade Point Average</b>	3.5 on 4.0 scale
<b>ACT / SAT Score</b> (excluding scores from the writing sections)	27 or higher ACT / 1280 or higher SAT
<b>Field Experience</b>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
<b>Portfolio</b>	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

# State of Ohio Arts Honors Diploma

This diploma includes dance, drama/theatre, music and visual art.  
Students must meet all but one (1) of the following criteria.

Subject	Criteria
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	3 units, including 1 unit of advanced science
<b>Social Studies</b>	3 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units in each of two world languages studied
<b>Fine Arts</b>	4 units
<b>Electives</b>	2 units with a focus in fine arts
<b>Grade Point Average</b>	3.5 on 4.0 scale
<b>ACT / SAT Score</b> (excluding scores from the writing sections)	27 or higher ACT / 1280 or higher SAT
<b>Field Experience</b>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
<b>Portfolio</b>	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

# State of Ohio Social Studies and Civic Engagement Honors Diploma

Students must meet all but one (1) of the following criteria.

Subject	Criteria
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and one other higher level course or 4 course sequence that contains equivalent or higher content
<b>Science</b>	3 units, including 1 unit of advanced science
<b>Social Studies</b>	5 units
<b>World Languages</b>	3 units of one world language, or no less than 2 units in each of two world languages studied
<b>Fine Arts</b>	1 unit
<b>Electives</b>	3 units with a focus in social studies and/or civics
<b>Grade Point Average</b>	3.5 on 4.0 scale
<b>ACT / SAT Score</b> (excluding scores from the writing sections)	27 or higher ACT / 1280 or higher SAT
<b>Field Experience</b>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
<b>Portfolio</b>	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

## COURSE RECOMMENDATIONS FOR COLLEGE BOUND STUDENTS

Students who plan to attend college are advised to take courses which will prepare them for the college experience.

It should be noted that the minimum requirements for the high school diploma do not necessarily meet the entrance requirements for post high school education. The following are the Ohio Board of Regents' recommendations for a college preparatory program:

- 4 CREDITS OF LANGUAGE ARTS**
- 4 CREDITS OF MATHEMATICS**
- 3 CREDITS OF SCIENCE**
- 3 CREDITS OF SOCIAL STUDIES**
- 2 CREDITS OF WORLD LANGUAGES\***
- 1 CREDIT OF FINE ARTS\*\***

\* **WORLD LANGUAGES:** Must be in the same language; some universities prefer 3 years of the same language.

\*\***FINE ARTS:** All drama, choir, instrumental and fine arts courses count as fine arts credit.

As requirements vary from university to university, students are strongly encouraged to check the latest policies regarding course requirements with each university or college admissions office.

## GRADING POLICY

The following reporting code and quality point scale is used to determine grade point averages and serves as criteria for course averaging when grades are used.

**There will be no rounding of grades and truncation occurs at the 100ths.**

<i>Letter Grade</i>	<i>Percentage</i>	<i>Point Value</i>	<i>AP / CCP</i>
<b>A</b>	<b>93 - 100</b>	<b>4.00</b>	<b>5.00</b>
<b>A-</b>	<b>90 - 92</b>	<b>3.67</b>	<b>4.67</b>
<b>B+</b>	<b>87 - 89</b>	<b>3.33</b>	<b>4.33</b>
<b>B</b>	<b>83 - 86</b>	<b>3.00</b>	<b>4.00</b>
<b>B-</b>	<b>80 - 82</b>	<b>2.67</b>	<b>3.67</b>
<b>C+</b>	<b>77 - 79</b>	<b>2.33</b>	<b>3.33</b>
<b>C</b>	<b>73 - 76</b>	<b>2.00</b>	<b>3.00</b>
<b>C-</b>	<b>70 - 72</b>	<b>1.67</b>	<b>2.67</b>
<b>D+</b>	<b>67 - 69</b>	<b>1.33</b>	<b>1.33</b>
<b>D</b>	<b>63 - 66</b>	<b>1.00</b>	<b>1.00</b>
<b>D-</b>	<b>60 - 62</b>	<b>0.67</b>	<b>0.67</b>
<b>F</b>	<b>00 - 59</b>	<b>0.00</b>	<b>0.00</b>
<b>I</b>	<b>Incomplete</b>		
<b>W</b>	<b>Withdrawn</b>		
<b>AU</b>	<b>Audit</b>		

## NCAA ELIGIBILITY FOR STUDENT ATHLETES

As NCAA eligibility requirements are subject to change, it is imperative that student-athletes (especially juniors and seniors and / or parents) meet with the respective counselor **immediately** at the start of the year to acquire and review a copy of the “[NCAA Initial-Eligibility/Clearinghouse](#)” (or current publication). Based upon this review it may be necessary to initiate immediate schedule changes in order to satisfactorily meet or exceed the NCAA requirements for coursework, GPA, and / or standardized test scores.

### NCAA Approved Courses

<b>ENGLISH</b>		
AP English Language	Language Arts 10	CCP ENGL 161
AP English Literature	Language Arts 10 Honors	College Composition I
Journalism I	Language Arts 11	CCP ENGL 162
Language Arts 9	Language Arts 12	College Composition II
Language Arts 9 Honors		
<b>SOCIAL STUDIES</b>		
American Cultural Studies	Psychology	AP Economics
Economics	Sociology	American History
AP Psychology	US Government	AP US History
AP Psychology	AP Government	Modern World History
		Modern World History Honors
<b>MATHEMATICS</b>		
Algebra I	College Prep Math	AP Computer Science Principles
Geometry	Statistics	Introduction to
Geometry Honors	AP Statistics	Computer Programming
Algebra II	Calculus	AP Computer Science A
Algebra II Honors	AP Calculus AB	
Pre-Calculus	AP Calculus BC	
Pre-Calculus Honors		
<b>SCIENCE</b>		
AP Chemistry	Chemistry	Physics
Astronomy	Chemistry Honors	AP Physics I
Biology	Environmental Science	CCP BIOG 121
Biology I Honors	Physical Science	CCP BIOG 122
AP Biology	Physical Science Honors	
<b>ADDITIONAL CORE COURSES</b>		
French I	Spanish I	Mandarin I
French II	Spanish II	Mandarin II
French II Honors	Spanish II Honors	Mandarin III
French III	Spanish III	Mandarin IV
French III Honors	Spanish III Honors	Mandarin V
French IV	Spanish IV	
French IV Honors	Spanish IV Honors	
AP French	Spanish V	
	AP Spanish	

# Awards

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**NOTE:** All senior academic recognition and awards are based upon the first seven semesters of coursework.

## REPORT CARD HONORS

**Merit Roll:** 3.0 – 3.49 GPA  
**Honor Roll:** 3.5 – 3.99 GPA  
**High Honor Roll:** 4.0 – 5.00 GPA

## GRADUATION HONORS

**Cum Laude:** 3.5 – 3.79 GPA  
**Magna Cum Laude:** 3.8 – 3.99 GPA  
**Summa Cum Laude:** 4.0+ GPA

*Students are listed based on GPA only for the 1st and 2nd grading periods. An audit of all grades earned will be conducted after the 3rd grading period. “High Honors” for Academic Awards cannot be awarded if a “B” letter grade is earned during at least 2 of the 3 grading periods.*

## PRESIDENT’S AWARD FOR EDUCATIONAL EXCELLENCE

The President’s Education Award Program, established by the U.S. Department of Education, recognizes and honors outstanding educational achievement. As the nation strives to achieve the eight National Education goals and to provide a world class education for every child, schools need to encourage all students to aspire to the highest educational standards. The President’s Education Award Program rewards seniors for their academic effort and success.

The following are the criteria:

1. A student must achieve a 3.5 GPA.
  2. High achievement in reading or math in state tests or nationally normed tests or SAT / ACT.
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# Special Programs

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## HONORS AND ADVANCED PLACEMENT COURSES

An honors and / or Advanced Placement student is academically talented, disciplined, highly motivated and willing to accept the challenges of these courses. A student must successfully complete prerequisites for the course and maintain a high level of performance. An honors and / or Advanced Placement student must accept additional responsibilities and commitment. Weighted grades are given to AP courses to compensate for high expectations: The AP courses are designed to be the equivalent of a first year college course. As such, the curriculum and expectations are of a high level. Among the Avon expectations for AP is participation by all students in the national AP exams administered in May. The cost for each AP test is paid by the student / family. Exams are given in May on predetermined dates established by the College Board.

Students and parents should be very sensitive to the demanding nature of honors and / or Advanced Placement courses. Reading expectations for the classes are extensive. Students will be asked to be involved in college level activities, particularly in the areas of writing skills and test taking. Advanced Placement courses place a high degree of emphasis on the student's own self-motivation, study skills, and the ability to self-direct his or her own learning. Students should carefully determine the number of honors and / or Advanced Placement courses they are capable of successfully completing in a year's schedule. Most Advanced Placement courses have required / graded summer work.

**Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.**

## COLLEGE CREDIT PLUS (CCP)

A student enrolled at Avon High School may be eligible to participate in the College Credit Plus Program. This is an opportunity for students to take classes at eligible post-secondary institutions. The institutions include community colleges, post-secondary vocational technical institutions, state universities, and select private colleges and universities. Some College Credit Plus courses may be offered by Lorain County Community College on our Avon High School campus. All eligibility requirements for College Credit Plus apply to on-site courses as well. The purpose of this program is to promote rigorous academic pursuits and to provide a wider variety of options to high school students. Students interested in this program must meet Avon High School graduation requirements plus any enrollment requirements the post-secondary institutions may have. The legislation for this program requires parents and students receive counseling regarding the program from the post-secondary site and that a letter of intent for the 2020-2021 school year be submitted to Student Services no later than **April 1, 2021. The Counseling Verification Form may be used as the letter of intent. The completed CCP application is due in Student Services no later than June 1, 2021.**

Students accepted into the CCP (College Credit Plus) program must complete the college placement test and work with a college advisor regarding course placement.

# CCP Probation and Dismissal Policies

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## COLLEGE CREDIT PLUS (CCP) PROBATION

Effective Summer 2018, Ohio law provides a definition of underperforming students and regulations for probation and dismissal from the College Credit Plus Program.

### **A student is placed on CCP Probation when he or she either:**

- Has earned lower than a cumulative 2.0 GPA in College Credit Plus courses.  
or
- Withdraws from, or receives no credit\* for two or more courses in the same term.

### **While on CCP Probation, the student:**

- May only enroll in one College Credit Plus course for one college term (semester or quarter).
- May not enroll in the college course in the same subject in which student previously earned D or F or received no credit.\*

## COLLEGE CREDIT PLUS (CCP) DISMISSAL

**A student is placed on CCP Dismissal when the student has failed to increase his or her GPA to above the 2.0 in College Credit Plus courses during the CCP Probation term.**

- While on CCP Dismissal, the student may not enroll in any College Credit Plus courses for the following college term.
- After one college term on CCP Dismissal, the student may submit an appeal to request the secondary school to allow the student to participate in College Credit Plus.

## COLLEGE CREDIT PLUS (CCP) APPEALS

### **CCP Probation Appeals:**

- A student on CCP Probation may only appeal the ability to take a course in the same subject in which he or she previously earned a D, F, or received no credit.\*

### **CCP Dismissal Appeals:**

- After one college term on CCP Dismissal, the student may submit an appeal to the secondary school to allow the student to participate.
- The secondary school shall determine whether the student may continue on CCP Dismissal, move to CCP Probation, or participate without restrictions per the school's adopted policy.

### **For Both Types of Appeals:**

- Each secondary school is required to create a policy to direct the school's appeal process, as described in the Ohio Administrative Code section 333-1-65-13.
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- Extenuating circumstances must be considered, separate from academic performance.

\* "No credit" under this rule has been interpreted to mean a transcript entry of W, NC, or the equivalent.

## COLLEGE CREDIT PLUS (CCP) PATHWAYS

Students may create their own pathway with the assistance of their high school counselor and college advisor. Some College Credit Plus (CCP) courses may be offered at Avon High School in the future.

Please note: students' course selection / order may vary from the example below.

GRADE	FIRST SEMESTER COURSES	CREDIT HOURS	SECOND SEMESTER COURSES	CREDIT HOURS
9 <sup>TH</sup> GRADE	<b>BIOG 151:</b> General Biology	3	<b>BIOG 152:</b> Human Biology	3
10 <sup>TH</sup> GRADE	<b>HSTR 161:</b> US History I	3	<b>HSTR 162:</b> US History II	3
11 <sup>TH</sup> GRADE	<b>ECNM 113</b> Personal Finance	3	<b>ECNM 151 OR ECNM 152</b> Macroeconomics OR Microeconomics	3
12 <sup>TH</sup> GRADE	<b>ENGL 161:</b> College Composition I	3	<b>ENGL 162:</b> College Composition II	3
	<b>PLSC 156:</b> American National Govt.	3	<b>PLSC 151:</b> Comparative Politics	3
		<b>TOTAL CREDIT HOURS</b>		<b>TOTAL CREDIT HOURS</b>
		15		15
<b>TOTAL CREDIT HOURS AVAILABLE:</b>				<b>30</b>

The above is provided as an example of a pathway a student may use to obtain 15 to 30 college credit hours while in high school.

## **FLEX CREDIT**

Senate Bill 311 raised the graduation requirements for high school students with the goal of increasing the number of students who are ready to meet the demands of our global and technological age. Senate Bill 311 included, among its provisions, a requirement that the State Board of Education adopt a new plan that enables students to earn units of high school credit. This credit will be based on a demonstration of subject area competency, instead of or in combination with completing hours of classroom instruction. Avon High School is in compliance with the provisions of this plan and is offering Flexible Credit opportunities to students. Please see your guidance counselor for detailed information on the flexible credit policy. Proposals for Flex Credit should be directed to the high school administration by **May 1st** for the subsequent school year.

## **JUNIOR AND SENIOR RELEASE**

Junior and Senior Release is a program of privilege for students who have earned at least 17 points in end of course (EOC) exams and are maintaining a 2.0 cumulative grade point average. Juniors and Seniors may elect to be off campus up to two periods a day.

Academic courses are a priority and students will not be able to select their release periods.

## **LORAIN COUNTY JOINT VOCATIONAL SCHOOL**

Avon High School students may choose to complete their junior and senior years of high school studying one of several two-year vocational programs at Lorain County Joint Vocational School located in Oberlin, Ohio. Once enrolled into a JVS program, a student must complete the entire programming year as space for entrance into programs is competitive and limited. A student will receive an Avon High School diploma upon successful completion of the two years at LCJVS. Application to the vocational school begins in January of the 10th grade. Students should check with their counselor early in the 10th grade about the various course offerings at the JVS, application procedures, and the credit needed.

To avoid credit deficiency, a student should have completed the following required courses in the 9th and 10th grades: (MINIMUM)

**2 CREDITS OF LANGUAGE ARTS**  
**2 CREDITS OF MATHEMATICS**  
**2 CREDITS OF SCIENCE**  
**2 CREDITS OF SOCIAL STUDIES (Modern World History or American History)**  
**.50 CREDIT OF HEALTH**  
**.50 CREDIT OF PHYSICAL EDUCATION**  
**3 CREDITS OF ELECTIVES**  
**12 TOTAL CREDITS**

## COLLEGE TECH PREP

College Tech Prep (CTP) programs are a unique educational option for the last two years of high school. It is designed for students who plan to go to college - but who want to actually *experience* a particular career before investing in college.

The program combines traditional, college-preparatory academics with intense, lab-based instruction in the career of choice. Because of the need for specialized lab facilities, ½ of the day is normally spent at the home school for academics (Avon High School). The other ½ day is spent at the Lorain County JVS. Students / families are responsible for transportation for the College Tech Program.

Learning in CTP programs is hands-on and challenging, with the opportunity to earn articulated college credit for work completed at the high school level. Students best suited for College Tech Prep are those who are active, experiential learners; who like building, designing, who learn best by applying their knowledge to a real-life situation, and who look forward to the challenge of college level learning provided by the JVS programs.

Enrollment in College Tech Prep programs is competitive, and generally requires the following:

- a solid GPA (approximately 2.5 or above, 2.75 in Allied Health),
- completion of at least Algebra I with a grade of “C” or better,
- junior standing at the end of 10th grade, and
- completion of Biology with a “B” or better (Allied Health Sciences only).

Programs:

- Allied Health Sciences
- Digital Media Arts
- Network Communications Technology
- Project Lead the Way (PLTW), Pre-Engineering program

## PROJECT LEAD THE WAY (PLTW)

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

PLTW Engineering courses are part of the AP + PLTW engineering pathway. To help prepare all students for the global workforce, the College Board and Project Lead The Way (PLTW) have partnered on a program to encourage student participation in science, technology, engineering, and math (STEM) courses and build their interest in STEM degrees and careers. Students who complete the requirements of the pathway earn the AP + PLTW student recognition, a qualification that demonstrates to colleges and employers that the student is ready for advanced course work and interested in careers in this discipline.

To earn the recognition, the student must satisfactorily complete three courses in the pathway – one AP course; one PLTW course; and a third course, either AP or PLTW – and earn a qualifying score of 3 or higher on the AP Exam(s) and a score of Proficient or higher on the PLTW End of Course (EoC) assessment(s). Available AP + PLTW courses are shown as follows:

### AP + PLTW ENGINEERING PATHWAY

College - AP Courses	AP Biology AP Chemistry AP Calculus AB AP Calculus BC AP Physics 1 AP Computer Science Principles AP Statistics
Career - PLTW Courses	Introduction to Engineering Design Principles of Engineering Digital Electronics Computer Integrated Manufacturing (LCCC)

See the Technology and Engineering section for course descriptions of **PROJECT LEAD THE WAY INTRODUCTION TO ENGINEERING DESIGN (IED), WOMEN IN ENGINEERING, PRINCIPLES OF ENGINEERING (POE), AND DIGITAL ELECTRONICS.**

## **TEACHER EDUCATION EXPLORATION (TEE)**

The Teacher Education Exploration Program is designed to encourage interested high school seniors to enter the teaching profession by providing them with the support and training necessary for success as both students and teachers. **The students enrolled in the TEE Program will intern in grade levels from kindergarten through middle school within the Avon School District for three periods of the school day.**

Students enrolled in the Teacher Education Exploration Program will receive three vocational credits. The program consists of classroom time (one day per week) and an internship experience (four days per week) for four periods per day.

Teacher Education Exploration curriculum will be taught as an online course offered through Lorain County JVS's website. The students will also meet with the TEE Program teacher one day per week to gather information, concepts, and theories related to teaching, learning, and children.

The best way to learn how to teach is to observe experienced and enthusiastic teachers, and to talk to them about what they do. Students will learn to apply information, concepts, and theories to real-life contexts. TEE students will be placed in K-8 classrooms as interns with each placement lasting approximately four weeks. At the end of the year, the student will be able to revisit his / her favorite grade level or area.

For students, the TEE program has the following goals:

- ensure college readiness and exposure to college,
- provide education related to teaching and learning,
- provide internship experience under the guidance of an experienced teacher, and
- promote positive attitudes toward teaching.

# Lorain County Joint Vocational School Academy Programs

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## **BUILDING TRADES ACADEMY**

**CARPENTRY** – Students learn the basics of wood-frame construction including project layout and designs, the use of hand and power tools, blueprint reading, cost estimation, insulation, exterior finishing, and more.

**HEATING/AIR** – Students install and repair air conditioning and heating units used in homes, offices, schools and factories.

**INDUSTRIAL ELECTRICITY** – Students learn to maintain, install, and repair electrical wiring equipment used in residential and industrial settings. Students work with computer programmable controlling and electric motors.

**MASONRY TRADES** – Students estimate, layout, and construct masonry walls, partitions, fireplaces, chimneys, patios, driveways, and home foundations.

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## **BUSINESS & MARKETING ACADEMY**

**DIGITAL MEDIA ARTS** – Students learn the fundamental principles and processes of computer-based design using a variety of traditional and non-traditional media with an emphasis on problem-solving and creative exploration.

**MARKETING & ENTREPRENEURSHIP** – Students are involved with advertising, sales, promotion, pricing, product development as well as studying business management and entrepreneurship. Students learn to conduct business on-line and operate and manage the school store.

**NETWORK COMMUNICATIONS TECHNOLOGY** – Students become skilled in creating solutions to technology problems for large companies and individual computer owners.

**WEB & GRAPHIC DESIGN** – Students learn up-to-date techniques using an on-line curriculum and hands-on activities to develop, create, and publish web pages, newsletters, magazines, business cards and much more! Current technology and the latest software will be used to prepare for industry certification exams.

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## **CULINARY ACADEMY**

**BAKERY & PASTRY ARTS** – Students learn basic and advanced techniques working on/with items such as marzipan, chocolate, meringues, breads, and cake decorating. Sanitation and safety as well as the science of baking and pastries will be included.

**CULINARY ARTS** – Students learn the art and science of preparing and serving foods for large numbers of people in restaurants, cafeterias, and catering situations.

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## **MANUFACTURING AND PRE-ENGINEERING ACADEMY**

**ENGINEERING DESIGN & TECHNOLOGY** – Students draw and calculate working plans used in manufacturing and construction. Students acquire both manual and computer aided drafting (CAD) skills used in electrical, mechanical, architectural, aeronautical, and civil engineering areas.

**PRECISION MACHINE TECHNOLOGY** – Students learn the techniques to shape and cut metal and plastic parts on lathes, milling machines, grinders, drills, and other power driven machines.

**WELDING & FABRICATION** – Students set up and operate welding equipment to position, align, fit and weld parts together. Customer projects are used for students to learn layout, fabrication, and welding techniques.

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## **TRANSPORTATION ACADEMY**

**AUTO TECHNOLOGY** – Students learn to diagnose, adjust and repair automotive systems including engines, transmissions, suspensions, brakes, electrical, and air conditioning.

**COLLISION REPAIR** – Students learn frame and body straightening, welding, refinishing, painting, replacing glass, installing upholstery, estimating costs, and preparation of insurance forms.

**COMMERCIAL TRUCK TECHNOLOGY** – Students check and repair diesel and gas engines, electrical, fuel, brake, and clutch systems on trucks and buses. Transmissions and drive trains, lubrication and maintenance will also be covered.

**INDUSTRIAL EQUIPMENT MECHANICS** – Students learn small and large equipment repair and maintenance, welding, engine and power train overhaul, parts and service training, hydraulic, and diesel fundamentals. Students work on tractors, trucks, industrial and agricultural equipment.

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## **COMMUNITY SERVICE ACADEMY**

**ALLIED HEALTH SERVICES** – Students get a solid foundation to begin health and medical careers. College credits are available upon successful completion of the program.

**COSMETOLOGY** – Students learn the scientific study and practice of beauty culture, which includes hairstyling, haircutting, manicuring, skin care, chemical services and all related areas including the sciences, professional ethics and employability skills. This is a state certified program in preparation for state licensing.

**EARLY CHILDHOOD EDUCATION** – Students working directly with three, four and five year old children experience operating a pre-school, learn about child growth and development, lesson plans, human relations and nutrition.

**LANDSCAPE & GREENHOUSE MANAGEMENT** – Students learn the aspects of landscape design, greenhouse management and production, equipment operation and maintenance, golf course and sports turf management, floral design, garden center operation, customer service and business management.

**PUBLIC SAFETY** – Students learn patrol and traffic procedures, human and public relations, communications, the criminal justice system, medical first response treatment, crime prevention, investigations, security, firearms, and report writing, etc.

**SPORTS, HEALTH AND FITNESS TECHNOLOGY** – Learn about anatomy, exercise physiology, nutrition, sports medicine and therapy techniques. This program will highlight health and fitness assessment training, orthopedic injury evaluations and treatments, rehab techniques along with nutrition and wellness management.



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<b>202 PAINTING</b>	<b>GRADES 10-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *INTRODUCTION TO ART*

Painting is designed for the student who wants to explore a variety of paint media. Students are introduced to information and techniques that enable them to achieve more satisfying means of self-expression and better appreciation of the expression of others. Students will study technique using oils, acrylics, and watercolors. A fee is required.

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<b>203 CERAMICS</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *INTRODUCTION TO ART WHICH MUST BE TAKEN PRIOR TO OR DURING THE SAME SCHOOL YEAR AS CERAMICS*

Ceramics gives the student an opportunity to learn the fundamentals of clay. The student explores the possibilities and limitations of the clay body through the introduction of hand building techniques and the use of the potter's wheel. Hand building techniques include pinch, coil, slab, and sculptural build-up methods. Different glazing and painting techniques will be explored. A fee is required.

**NEW!!**

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<b>SCU204 SCULPTURE</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *INTRODUCTION TO ART WHICH MUST BE TAKEN PRIOR TO OR DURING THE SAME SCHOOL YEAR AS SCULPTURE*

This course is designed to allow students to explore a variety of mediums through the creation of three dimensional works of art. Students will learn the fundamentals of creating using additive, subtractive and assemblage techniques. A fee is required.

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<b>DAP200 DIGITAL ART AND PHOTOGRAPHY</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *INTRODUCTION TO ART WHICH MUST BE TAKEN PRIOR TO OR DURING THE SAME SCHOOL YEAR AS DIGITAL ART AND PHOTOGRAPHY*

This class will be a blend of photography and photo-manipulation in Adobe PhotoShop. Digital photography fundamentals will be taught in class and class time will be dedicated to photo critique and evaluation. Photography assignments will be out of class assignments. Students will use a majority of their class time using their photos and other images to create raster (pixel) based art through learned application of the tools in Adobe PhotoShop. Assessment will be based on product based design focusing on elements and principles, composition, creativity, complexity of design and use of technology. Students will need a camera (most cell phone cameras are appropriate.) A fee is required.

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<b>GD0200 GRAPHIC DESIGN</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *INTRODUCTION TO ART WHICH MUST BE TAKEN PRIOR TO OR DURING THE SAME SCHOOL YEAR AS GRAPHIC DESIGN*

Students will create vector based art and design through learned application of the tools in Adobe Illustrator. Assessment will be based on product based design focusing on elements and principles, composition, creativity, complexity of design and use of technology. A fee is required.

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**300 ADVANCED 2-DIMENSIONAL DESIGN    GRADES 11-12    LENGTH 18 WEEKS    .50 CREDIT**

PREREQUISITE: *INTRODUCTION TO ART, PAINTING AND DRAWING*

This course focuses on the continuation of two dimensional designs with emphasis on improving drawing, painting, printmaking, and other art making techniques and observation skills. Students will create artworks that demonstrate understanding of materials, processes, tools, media, techniques, composition and available technology. They will use the elements of art and the principles of composition and design to communicate their ideas in a variety of visual forms. This course is designed for students preparing for AP Studio Art and work in this class will be used in this portfolio. This course could also be taken as an alternative to the rigor and year-long commitment of AP Studio Art. A fee is required.

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**400 AP STUDIO ART    GRADE 12    LENGTH 36 WEEKS    2.00 CREDITS**

PREREQUISITE: *SUCCESSFUL COMPLETION OF INTRODUCTION TO ART AND THE INTERMEDIATE ART COURSES: DRAWING AND PAINTING. IF ONE (1) OF THESE TWO (2) INTERMEDIATE COURSES HAS NOT BEEN TAKEN, A PORTFOLIO DEMONSTRATING SKILLS AND ABILITIES IN THIS AREA MUST BE SUBMITTED AND APPROVED THROUGH THE ART DEPARTMENT. GRADED SUMMER WORK REQUIRED.*

AP Studio Art is designed for seniors who have taken Introduction to Art, and at least two semesters of art courses including Painting and Drawing. Seniors will be required to submit one of three AP portfolios: 2-D Design, 3-D Design or Drawing. This course follows the AP guidelines for portfolio preparation. Students will choose and explore a Sustained Investigation throughout the year. They will explore materials, processes and ideas through research, investigation, experimentation and revision. They will refine the quality of their work and demonstrate growth and complexity as their portfolio develops. A fee is required. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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# Business Education

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**170 INTRODUCTION TO BUSINESS**                      **GRADES 9-12**                      **LENGTH 36 WEEKS**                      **1.00 CREDIT**

Intro to Business is an introductory business course designed to provide valuable information and understanding that is used by every person whether one is or is not pursuing a career in business. The subject material will enable a student to become a better consumer, worker and citizen, and will better acquaint students with the business world. Units covered are (1) Business in the Global Economic Environment, (2) Business Organization and Management, (3) Business Operations and Technology, and (4) Personal Financial Management.

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**347 FINANCIAL LITERACY**                      **GRADES 11-12**                      **LENGTH 18 WEEKS**                      **.50 CREDIT**

Financial literacy is defined as the ability to read, analyze, manage and communicate about the personal financial conditions that affect material well-being. In this required course, you will acquire the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond competently to life events that affect every day financial decisions, including events in the general economy. This course meets Avon High School and the State of Ohio graduation requirements for students who take CCP Economics. This course is not required if a student takes economics at Avon High School. A fee may be required.

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**371 ACCOUNTING I**                      **GRADES 11-12**                      **LENGTH 18 WEEKS**                      **.50 CREDIT**

This course will acquaint students with accounting careers by teaching the organized way to handle business finances and records. The study includes a knowledge of the double entry accounting system; financial statements; various types of journals and ledgers; the complete accounting cycle; and work at the end of the accounting period. Recommended for students exploring a career in accounting and all college-bound students planning to major in business.

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**374 INTRODUCTION TO LAW**                      **GRADES 11-12**                      **LENGTH 18 WEEKS**                      **.50 CREDIT**

This course is a study of the legal system, and includes the study of criminal and civil law which includes an extensive study of trial procedures. The course provides a complete study of contracts, juvenile justice, consumer and family law, wills, car and life insurance, and other legal situations. Recommended for students exploring a career in law or law enforcement and all college-bound students planning to major in business.

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## **ALL LCCC Business CCP Courses (Below)**

**These are College Credit Plus Courses offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in these courses. Students are bound by the regulations of the CCP program as established by LCCC. There is no fee to participate in the College Credit Plus program.**

*NEW!!*

**BADM 155 INTRODUCTION TO BUSINESS ADMINISTRATION**                      **3.00 SEMESTER HOURS/**  
**GRADES 10 - 12**                      **LENGTH 18 WEEKS**                      **1.00 CREDIT**

This CCP business course is an introduction to the nature of the business environment with an exploration of the various business functions. This course is designed to give students an overview of the business world. Topics covered will include marketing, economics, ethics and social responsibility, entrepreneurship, pricing of goods and services, human resources, and financial management. Students who would like to learn more about the business world should enroll in this course.

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*NEW!!*

**BADM 220 - PRINCIPLES OF SUPPLY CHAIN MANAGEMENT**

**3.00 SEMESTER HOURS/**

**GRADES 10 – 12**

**LENGTH 18 WEEKS**

**1.00 CREDIT**

This CCP course provides a comprehensive overview of the integration of activities that procure materials, transform them into intermediate goods and final products, and deliver them to external customers. Supply chain management consists of firms collaborating to leverage strategic positioning and to improve operating efficiency. A supply chain strategy is a channel arrangement based on acknowledged dependency and collaboration. Supply chain operations require managerial processes that span functional areas within individual firms and link trading partners and customers across organizational and international boundaries.

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*NEW!!*

**BADM 281G - INTERNATIONAL BUSINESS**

**3.00 SEMESTER HOURS/**

**GRADES 10 - 12**

**LENGTH 18 WEEKS**

**1.00 CREDIT**

This CCP course provides an overview of issues and concepts in international business. The issues and concepts include a history of globalization, international economic theories, socio-cultural issues, political and environmental forces, legal issues, international marketing, international human resource management, international financial management, and global operations management.

# English

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**118 LANGUAGE ARTS 9****GRADE 9****LENGTH 36 WEEKS****1.00 CREDIT**

This course is organized to develop an understanding and appreciation of the various forms of literary and informational texts. This course is also designed to provide a review of basic mechanics, usage, grammar, syntax, and composition skills, as well as to introduce more advanced aspects of composition. Communication skills, both oral and written, will be an integral part of this course. Vocabulary study and the development of computer research will also be emphasized. Purchase of a workbook, magazine, and / or handbook may be required. Summer reading is required. This course meets NCAA eligibility requirements.

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**117 LANGUAGE ARTS 9 HONORS****GRADE 9****LENGTH 36 WEEKS****1.00 CREDIT**PREREQUISITE: *ENGLISH 8 HONORS; TEACHER RECOMMENDATION*

Designed for the student who is interested in English literature and language, this course is a preliminary course to Language Arts 10 Honors, and the first in the series of courses for the AP English program. There will be an extensive study of the various forms of texts, including poetry, prose and informational. Students will become familiar with the methods and techniques of rhetorical and literary analysis. Students will also be introduced to the college level research process, which will be further developed in subsequent courses. The course is designed to prepare students for the AP English Language and Literature exams which are administered in the spring of their junior and senior years. All students are required to complete summer reading of two novels. Purchase of a workbook and / or a handbook may be required. This course meets NCAA eligibility requirements.

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**218 LANGUAGE ARTS 10****GRADE 10****LENGTH 36 WEEKS****1.00 CREDIT**PREREQUISITE: *LANGUAGE ARTS 9*

Literature study in this course is designed to further develop an understanding of literary and informational texts. Longer selections will be given special emphasis. Vocabulary, grammar, usage, syntax, and mechanics will be reviewed by all students with additional work assigned based on the perceived needs of individual students. The development of more complex grammar concepts will be continued. Oral and written communication skills will also be emphasized. In addition, research techniques using both print and electronic sources will be developed, and a short research paper will be completed. Purchase of a workbook, magazine, paperback book, and / or a handbook may be required. Summer reading is required. This course meets NCAA eligibility requirements.

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**217 LANGUAGE ARTS 10 HONORS****GRADE 10****LENGTH 36 WEEKS****1.00 CREDIT**PREREQUISITE: *LANGUAGE ARTS 9 HONORS; TEACHER RECOMMENDATION; AP STYLE PRE-TEST*

Designed for the student who is interested in English literature, this course is a prerequisite class to AP English Language. This is the second in the series of courses for the AP English program. There will be an extensive study of the various forms of literature, including poetry and nonfiction prose. Students will also develop their understanding of prevailing themes and genres through their writing while becoming familiar with the methods and techniques of rhetorical and literary analysis. Students will continue their development of the college level research process which will culminate in an extensive research project during the school year. The course is designed to prepare students for the AP English Language and Literature exams administered in the spring of their junior and senior years. Purchase of a workbook, magazine, paperback book, and / or a handbook may be required. Summer reading of two books is required. This course meets NCAA eligibility requirements.



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**416 AP ENGLISH LITERATURE AND COMPOSITION GRADE 12 LENGTH 36 WEEKS 2.00 CREDITS**

PREREQUISITE: *AP LANGUAGE AND COMPOSITION (UNLESS BY SPECIAL ARRANGEMENT); TEACHER RECOMMENDATION; GRADED SUMMER WORK / READING REQUIRED; AP STYLE READING COMPREHENSION PRE-TEST REQUIRED. STUDENTS WILL BE REQUIRED TO PURCHASE ONE OR TWO NOVELS AND/OR PLAYS*

This course is for the committed English student who has a considerable aptitude for textual analysis. A mastery of skills in this course is the determining factor in the final grade. The course requires an in-depth study of American and British poetry and prose. Students will analyze and evaluate literature through writing. The course will prepare students for the AP exam in English Literature and Composition administered in the spring. Students must have completed all of the prerequisites listed above in order to join the course. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**THIS LCCC COURSE IS ON THE AHS CAMPUS!!** **3 SEMESTER HOURS/**  
**AHSE161 ENGL 161 COLLEGE COMPOSITION I GRADES 11, 12 LENGTH 18 WEEKS 1.00 CREDIT**  
*(OFFERED FALL SEMESTER ONLY) PREREQUISITE: PLACEMENT BASED ON THE LCCC ASSESSMENT*

This course is an introduction to fundamental college-level skills in academic reading and writing. Summary, analysis, synthesis, and research documentation are emphasized, along with critical thinking and collaborative learning. This is an English Core Course. ***This is a College Credit Plus Course offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in this course. Students are bound by the regulations of the CCP program as established by LCCC. This course meets NCAA eligibility requirements. There is no fee to participate in the College Credit Plus program.***

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**THIS LCCC COURSE IS ON THE AHS CAMPUS!** **3 SEMESTER HOURS/**  
**AHSE162 ENGL 162 COLLEGE COMPOSITION II GRADES 11, 12 LENGTH 18 WEEKS 1.00 CREDIT**  
*(OFFERED SPRING SEMESTER ONLY) PREREQUISITE: AHSE161 ENGL 161 COLLEGE COMPOSITION I*

A writing course continuing the practice of skills introduced in ENGL 161, as well as strategies of argumentation and secondary research leading to a research paper. This is an English Core Course. ***This is a College Credit Plus Course offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in this course. Students are bound by the regulations of the CCP program as established by LCCC. This course meets NCAA eligibility requirements. There is no fee to participate in the College Credit Plus program.***

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**113 DRAMA I GRADES 9-12 LENGTH 18 WEEKS .50 CREDIT**

Students will read a variety of plays and consider elements of performance. One act and full-length plays will be studied. Students will also examine the elements of theater as they pertain to performance. Other aspects of theater production will be considered. Students may be expected to purchase plays. Drama I will meet one-half credit of the "fine arts" requirement for colleges in Ohio.

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<b>313 SPEECH I</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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This course is strongly encouraged for all college bound students. The major objectives of this course are for each student to develop poise and self-confidence along with a greater ease in expressing one's thoughts and feelings effectively and understandably. The course is designed to teach how to plan, organize research, prepare, and deliver specific types of speeches through the semester. The grades in this class are based on oral performance and the production of morning announcements. A final exam is also given. The following types of speeches may be given: personal experience, demonstration, information, entertainment, and persuasion.

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<b>115 JOURNALISM I</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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This course explores many elements of writing with the focus on creative and journalistic pieces. Students will be expected to develop, revise, and correct for publication at least three stories / articles for the school paper. Students will be taught journalistic skills including: interviewing, story writing, copy editing, and layout. Students will also be taught legal and ethical parameters involved with student publications. Each student will be required to sell advertisements and / or generate sponsorship for the newspaper and literary magazine as part of their grade. A fee is required. This course meets NCAA eligibility requirements.

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<b>FA0213 FILM APPRECIATION</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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This course exposes the students to both the technical and artistic aspects of cinema (the process and content of film). Students will become familiar with the development of different techniques over the history of film in America. Students will engage in the study of film history, the various genres of film (including, but not limited to, documentary, historical, horror, tragedy, comedy, romance, etc.) and an understanding of the similarities and differences of the various genres. This course gives students an opportunity to trace the development of the film industry, identify and understand the responsibilities of all the members in a film production company, and appreciate the films and performances that reflect the best of the medium. Placement preference and priority will be given to upperclassmen.

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<b>219 YEARBOOK</b>	<b>GRADES 10-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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*PREREQUISITE: LANGUAGE ARTS GRADE OF B OR BETTER AND APPLICATION*

The main objective of this course is to produce the school yearbook. Students will gain knowledge and skills working in Jostens' Yearbook Avenue program. Topics such as the following will be taught: photojournalism, digital design and graphics, page layout, and journalistic composition. Each student will be responsible for raising funds to supplement costs incurred in creating the yearbook. Evaluation for this class will be based on individual contributions to the school yearbook, meeting deadlines, and creating pages in the yearbook. Attendance at various extracurricular activities is required. There will be a limited number of seats available for the course and upperclassmen will be given priority. If necessary, a lottery for course selection will be used. A fee may be required.

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**MP0308 MEDIA PRODUCTION****GRADES 9-12****LENGTH 18 WEEKS****.50 CREDIT**

This course is designed to introduce students to various methods of film and video production. Basic filming, lighting, and sound considerations will be explored, and editing software will be introduced. Students will apply an understanding of production value to create short video projects such as commercials, public service announcements, marketing pieces and various other video projects. Media will be planned, produced, and published using various media outlets. Students will also be introduced to basic concepts of conducting interviews with peers and professionals for various purposes. Students will ultimately develop effective communication skills through the application of on-camera speech, appearance, and conduct. A fee may be required.

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**BJ0309 BROADCAST JOURNALISM****GRADES 10-12****LENGTH 36 WEEKS****1.00 CREDIT**PREREQUISITE: *MEDIA PRODUCTION*

The primary objective of this course is to expose students to the process of planning, filming, editing, and publishing daily news features and announcements. Writing and speaking skills will be further developed with an added emphasis on journalistic rules and considerations. Students will fill various roles throughout the school year as they collaborate with Media Production and/or Media Production II students to air publicity, marketing, and promotional videos for students, staff, and the Avon community. Students will assume the role of a professional television news production staff and will become the faces and voices of the Avon High School media production program.

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# Family and Consumer Sciences

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**PWD161 PERSONAL WELLNESS AND DEVELOPMENT GRADE 9 – 10      LENGTH 18 WEEKS      .50 CREDIT**

This popular underclassmen level course will guide students to a personalized approach to healthy living during their high school years. An emphasis will be placed on developing personal health that can be used as students transition through life. Additional topics will focus on problem-solving, work ethics, nutrition, family dynamics, peer relationships, mental health, decision making, goal setting, and getting involved in the school community. A fee is required.

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**CCR261 CAREERS AND COLLEGE READINESS      GRADE 9-12      LENGTH 18 WEEKS      .50 CREDIT**

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, FAFSA, scholarships, develop interviewing skills and participate in a shadowing activity. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. This course is not a required elective, but is strongly encouraged.

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**ID0201 INTERIOR DESIGN      GRADES 9-12      LENGTH 18 WEEKS      .50 CREDIT**

This exciting course will give students a chance to explore the world of interior design. During this semester long course, students will engage in creativity to develop interior design skills. Students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Students will also enjoy topics including the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. A fee is required.

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**POF364 PRINCIPLES OF FOODS      GRADES 10-12      LENGTH 18 WEEKS      .50 CREDIT**

Topics for this popular class include: identifying and making healthy choices based on the new MyPlate plan; preparing quick and healthy foods from scratch using convenience methods; redesigning recipes to be healthier; how to become a better grocery shopper by selecting nutritious foods on a budget, and sports nutrition and what an athlete needs to know about training and diets. Students will leave this class with a cookbook collection of recipes. This class is a must have for the apartment or college-bound student. A fee is required.

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**GF0363 GLOBAL FOODS      GRADES 10-12      LENGTH 18 WEEKS      .50 CREDIT**

*PREREQUISITE: PRINCIPLES OF FOODS, HEALTHY AND SAFE FOODS, OR CULINARY FUNDAMENTALS*

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in various countries, and apply advanced cooking techniques, including the use of specialty equipment in the preparation of food dishes. A fee is required.

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**366 CHILD DEVELOPMENT      GRADES 11-12      LENGTH 18 WEEKS      .50 CREDIT**

In this semester course, students will study children from their very beginning. This course will cover fetal development, the principles of child growth, development and behavior. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services. During this course, the students may enjoy participating in a cooperative learning experience at the Avon Early Learning Center. Transportation will be provided during the class time to allow for students to learn and explore working with young children and apply the coursework learned.

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# Health and Physical Education

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**804 HEALTH****GRADE 9****LENGTH 18 WEEKS****.50 CREDIT**

Health is required by the State of Ohio for graduation and is offered one semester. It is suggested that students complete this requirement during their freshman year. The areas of discussion are those important to the physical, social, and mental well-being of the students. A basic understanding of good health practices is emphasized as well as basic knowledge of the anatomy and physiology of the body. Special emphasis is placed on contemporary health problems of adolescence in areas such as social interactions, drug abuse, sexuality, nutrition, and exercise. An effort is made to create good health habits through understanding. Students are encouraged to maintain these practices throughout their lives. There is a class fee associated with this course. The course fee will go towards the student becoming Red Cross certified in First Aid, CPR, and AED. Requirements such as written reports, articles from current publications, three ring binder and projects are a part of this course. A fee is required.

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**808 INDIVIDUAL FITNESS****GRADES 9-12****LENGTH 18 WEEKS****.25 CREDIT**

This course is designed to provide students the opportunity to examine their individual health and fitness by assessing and changing their current exercise and nutritional habits. The blend of activities that are included in this course may include individual sports such as yoga, Pilates, resistance training, aerobic conditioning, cross fit, and martial arts.

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**810 TEAM AND RECREATIONAL SPORTS****GRADES 9-12****LENGTH 18 WEEKS****.25 CREDIT**

This course is designed for the student who likes to stay active in playing recreational team sports. These programs promote fitness and group cooperation skills. Emphasis will be on the following sports: volleyball, basketball, flag football, soccer, speedball, ultimate Frisbee, softball and various other activities.

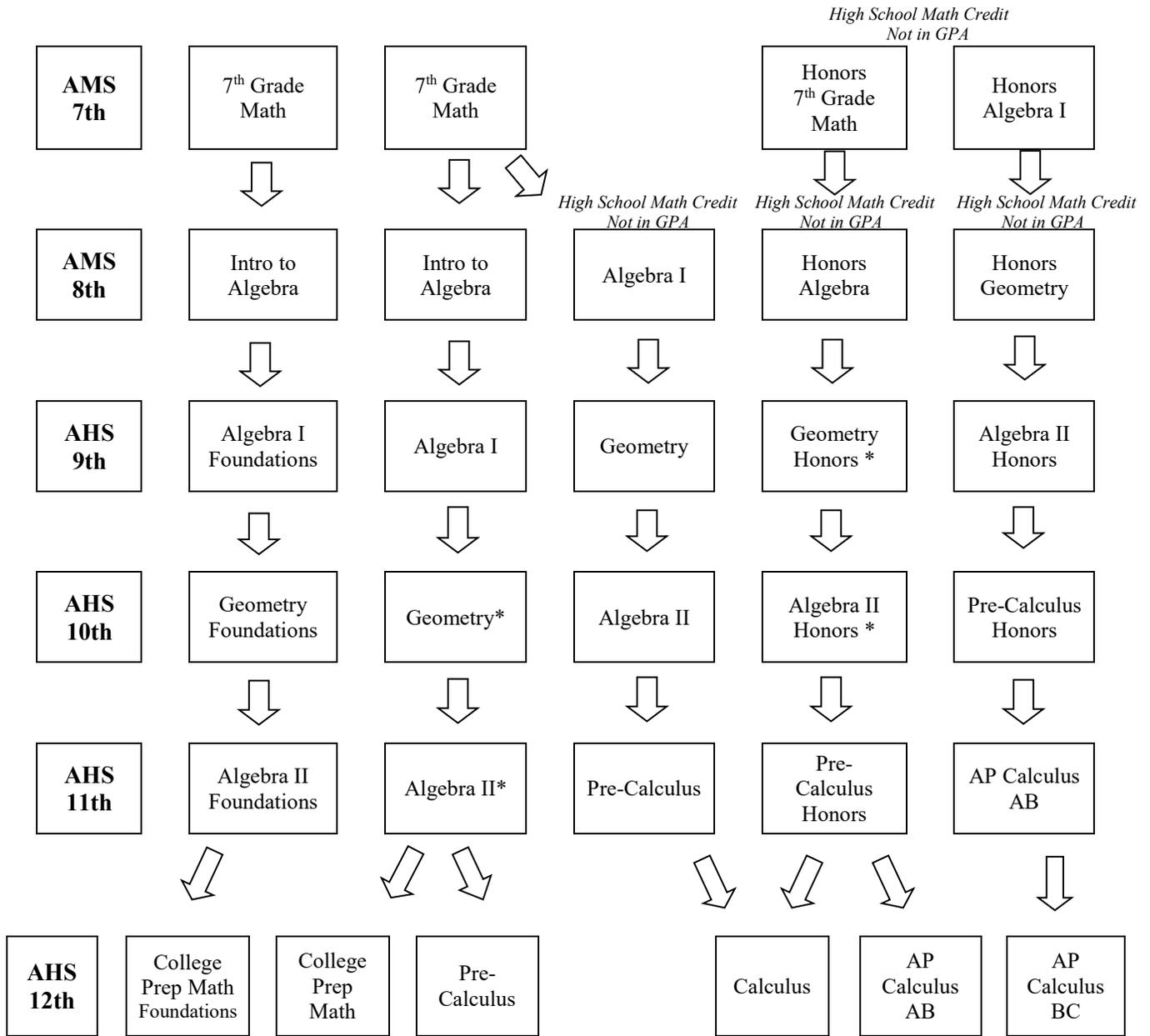
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**SS0815 SPEED / STRENGTH AND WELLNESS****GRADE 9 - 12****LENGTH 36 WEEKS****1.00 CREDIT**

This course is designed for any student-athlete interested in improving his/her success through advanced and rigorous training methods. Athletes in all levels of competition use training and conditioning techniques to improve their performance and decrease their chance of injury. The course will include training methods to improve strength, quickness, speed development and flexibility. In addition to weight training, this course focuses on other areas of wellness such as nutrition, sleeping habits, stress management, recovery methods and time management skills.

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# 2021-22 Math Scheduling Pathways



## Junior and Senior Math Electives

<p><b>* Geometry &amp; Algebra II</b> (These courses can be taken concurrently – teacher recommendation required.)</p>	<p><b>AP Statistics</b> (A full year class with an Algebra II prerequisite &amp; required teacher recommendation)</p>
<p><b>CP0333 Introduction to Computer Programming and ACS440 AP Computer Science A</b></p>	<p><b>Statistics</b> (A semester class with an Algebra II prerequisite)</p>

# Mathematics

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<b>AF0132 ALGEBRA I FOUNDATIONS</b>	<b>GRADE 9</b>	<b>LENGTH 36 WEEKS</b>	<b>2.00 CREDITS</b>
PREREQUISITE: <i>TEACHER RECOMMENDATION ONLY</i>		<b>DOUBLE PERIOD</b>	

This course is Algebra I in content. The fundamental purpose of this course is to formalize the mathematics that students learned in Pre-Algebra. Students enrolled in this course will also be enrolled in Algebra I Study Skills for additional elective credit. A fee is required.

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<b>132 ALGEBRA I</b>	<b>GRADE 9</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
PREREQUISITE: <i>TEACHER RECOMMENDATION</i>			

The fundamental purpose of this course is to formalize and extend the mathematics that students learned in middle school. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. This course meets NCAA eligibility requirements. A graphing calculator is recommended.

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<b>GF0231 GEOMETRY FOUNDATIONS</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>2.00 CREDITS</b>
PREREQUISITE: <i>TEACHER RECOMMENDATION ONLY</i>		<b>DOUBLE PERIOD</b>	

The fundamental purpose of this course is to formalize and extend students' geometric experiences. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students enrolled in this course will also be enrolled in Geometry Study Skills for additional elective credit.

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<b>231 GEOMETRY</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
PREREQUISITE: <i>ALGEBRA I; TEACHER RECOMMENDATION</i>			

The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school Common Core state standards. This course meets NCAA eligibility requirements.

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<b>230 GEOMETRY HONORS</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
PREREQUISITE: <i>ALGEBRA I HONORS OR TEACHER RECOMMENDATION</i>			

This course is similar to Geometry in content, but will be taught to an even greater depth and rigor compared to that of the Geometry course. The fundamental purpose of the course in Geometry is to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Close attention should be paid to the introductory content for the Geometry conceptual category found in the high school Common Core state standards. This course meets NCAA eligibility requirements.

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**42F331 ALGEBRA II FOUNDATIONS**      **GRADES 10-12**      **LENGTH 36 WEEKS**      **1.00 CREDIT**

PREREQUISITE: *ALGEBRA I OR THE EQUIVALENT; TEACHER RECOMMENDATION*

This course is similar to Algebra II in content, but will not be taught to the depth and rigor of the Algebra II course. Building on their work with linear, quadratic, and exponential functions, students continue work with basic functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and will continue to solve equations, including quadratic equations over the set of complex numbers and exponential equations using the properties of logarithms. A graphing utility is recommended for this course.

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**331 ALGEBRA II**      **GRADES 10-11**      **LENGTH 36 WEEKS**      **1.00 CREDIT**

PREREQUISITE: *ALGEBRA I, GEOMETRY OR THE EQUIVALENT; AND / OR TEACHER RECOMMENDATION*

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to model situations and solve equations, including quadratic equations over the set of complex numbers and exponential equations using the properties of logarithms. A graphing utility is recommended for this course. This course meets NCAA eligibility requirements.

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**332 ALGEBRA II HONORS**      **GRADES 10-11**      **LENGTH 36 WEEKS**      **1.00 CREDIT**

PREREQUISITE: *B+ OR BETTER IN GEOMETRY HONORS AND / OR TEACHER RECOMMENDATION*

This course is similar in content to Algebra II with the inclusion of more challenging material designed for the more capable math student. It covers the material in Algebra II, with some additional topics, at an accelerated pace and in greater depth. A graphing utility is recommended for this course. This course meets NCAA eligibility requirements.

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**439 COLLEGE PREP FOUNDATIONS MATH**      **GRADES 11-12**      **LENGTH 36 WEEKS**      **1.00 CREDIT**

PREREQUISITE: *ALGEBRA II OR ALGEBRA II FOUNDATIONS OR THE EQUIVALENT AND BY TEACHER RECOMMENDATION*

This course is similar to College Prep in content, but will not be taught to the depth and rigor of the College Prep course. College Prep Math is an alternative mathematics course for college bound seniors who do not yet have a fundamental grasp on the Algebraic concepts needed for Pre-Calculus. Concepts covered in the course are those described in the Ohio Common Core Fourth-Year math course standards. These topics review the Algebra II Common Core standards and explore their applications. Students considering college majors not focusing in math or science (i.e. English, Business, Arts, or Communication) may find this course beneficial. A graphing utility is recommended for this course.

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**430 COLLEGE PREP MATH**      **GRADES 11-12**      **LENGTH 36 WEEKS**      **1.00 CREDIT**

PREREQUISITE: *ALGEBRA II OR THE EQUIVALENT AND BY TEACHER RECOMMENDATION*

College Prep Math is an alternative mathematics course for college bound seniors who do not yet have a fundamental grasp on the Algebraic concepts needed for Pre-Calculus. Concepts covered in the course are those described in the Ohio Common Core Fourth-Year math course standards. These topics review the Algebra II Common Core standards and explore their applications. Students considering college majors not focusing in math or science (i.e. English, Business, Arts, or Communication) may find this course beneficial. Any students considering science or math based careers (i.e. engineering or medicine) should choose Pre-Calculus over this course. A graphing utility is recommended for this course. This course meets NCAA eligibility requirements.

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**CP0333 INTRODUCTION TO COMPUTER PROGRAMMING GRADES 9-12 LENGTH 18 WEEKS .50 CREDIT**

PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR TEACHER RECOMMENDATION*

This course is aimed at students with little or no prior programming experience but a desire to understand computational approaches to problem solving. Students will be introduced to Java which is an object-oriented programming language. Topics include computer technology, variables and constants, conditional control structures, loops, strings, methods, and arrays. This course is designed to prepare students for an easier entry into AP Computer Science A or Computer Science Principles. This course meets NCAA eligibility requirements.

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**ACS440 AP COMPUTER SCIENCE A GRADES 9-12 LENGTH 36 WEEKS 2.00 CREDITS**

PREREQUISITE: *INTRODUCTION TO COMPUTER PROGRAMMING OR AP COMPUTER SCIENCE PRINCIPLES*

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. This course meets NCAA eligibility requirements. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**431 PRE-CALCULUS GRADES 11-12 LENGTH 36 WEEKS 1.00 CREDIT**

PREREQUISITE: *B OR BETTER IN ALGEBRA II AND TEACHER RECOMMENDATION*

This course includes those mathematical topics necessary to prepare college bound students for a first course in calculus. Students will study in depth the concepts described in the Ohio Common Core Fourth-Year math course standards. Students considering college majors focusing in math or science (i.e. Medicine or Engineering) will find this course beneficial. Any students not considering science or math based careers (i.e. English, Business, Arts, or Communication) may choose College Prep over this course. If unsure about a college major, students should lean towards Pre-Calculus as their selection for a fourth-year math course, as it will provide students the solid mathematical foundations to succeed in an entry-level college math course. A graphing utility is required for this course. This course meets NCAA eligibility requirements.

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**434 PRE-CALCULUS HONORS GRADES 11-12 LENGTH 36 WEEKS 1.00 CREDIT**

PREREQUISITE: *B OR BETTER IN ALGEBRA II HONORS AND / OR TEACHER RECOMMENDATION*

This course includes those mathematical topics necessary to prepare college bound students for AP Calculus. Students will study in depth the properties of linear, quadratic, exponential, logarithmic, absolute value, step, piecewise, polynomial, rational, and trigonometric functions and explore the characteristics of their graphs. Additional topics covered include sequences, series, probability, statistics, systems of equations, and matrices. A graphing utility is required for this course. This course meets NCAA eligibility requirements.

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**438 AP STATISTICS****GRADES 11-12****LENGTH 36 WEEKS****2.00 CREDITS***PREREQUISITE: COMPLETION OF ALGEBRA II OR ALGEBRA II HONORS WITH TEACHER RECOMMENDATION*

This course will follow the AP Statistics course of study and is comparable to statistics courses in colleges and universities. The course follows four conceptual themes which include Exploring Data, Planning a Study, Anticipating Patterns in Advance, and Statistical Inference. Students in AP Statistics will have the opportunity to take the AP exam for college credit. A graphing calculator is required for this course. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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# Music

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***One credit of the courses listed below will unconditionally meet the "fine arts" requirement for colleges in Ohio.***

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NEW!!

**PIA100 INTRODUCTION TO PIANO                      GRADES 9-12                      LENGTH 18 WEEKS                      .50 CREDIT**

This course is designed for individuals who wish to develop basic piano playing and comprehension skills. No previous musical experience is needed to take this course, but it is helpful. Time in class will be spent both on and off the keyboards. While playing, students will be working individually and in small groups on the techniques of playing and learning pieces. There will also be time spent in group instruction on musical notation and theory. Ultimately, students should plan to end the semester having the ability to read sheet music and play piano at an introductory level.

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**000884 TREBLE CHOIR                      GRADES 9-12                      LENGTH 36 WEEKS                      1.00 CREDIT**

*NO PREVIOUS CHOIR EXPERIENCE REQUIRED*

This is Avon High School's intermediate, all treble, ensemble. Students in this ensemble will continue to develop healthy vocal technique while working with specific attention range, resonance, placement, and control of the voice. In this ensemble students will begin to fine tune their vocal technique and apply such skills through more difficult repertoire. This ensemble will perform music in several different languages, and will be expected to understand its literal translation. This ensemble will perform music of all styles and cultures. Students will be expected to make a one-time concert attire purchase and attend all performances. The performance concert gown will cost approximately \$60. A fee may be required.

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**BA001 TENOR/BASS CHOIR                      GRADES 9-12                      LENGTH 36 WEEKS                      1.00 CREDIT**

*NO PREVIOUS CHOIR EXPERIENCE REQUIRED*

Designed for the developing singer, the Tenor/Bass Choir is comprised of only lower voiced singer. Students in this ensemble will learn to develop skills crucial to being a successful high school singer. These skills include, but are not limited to, learning to read music notation, developing healthy vocal technique, and building keen aural skills associated with choral music. All tenors and basses at Avon high school are encouraged to join this ensemble regardless of current skill level. This ensemble will perform music of all styles and cultures. Note: In order to proceed into upper level ensembles, singers must have one year's experience in the Tenor/Bass Choir. Students will be expected to make a one-time concert attire purchase and attend all performances. The performers will be required to buy tuxedo pants, shirts, bow ties, and cummerbunds, which will cost approximately \$50. A fee may be required.

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<b>895 MARCHING BAND</b>	<b>GRADES 9-12</b>	<b>LENGTH 13-16 WEEKS</b>	<b>.25 CREDIT</b>
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PREREQUISITE: *MEMBERSHIP DETERMINED BY DIRECTOR*

The marching band is one of the most active and frequently seen organizations in the Avon band program. From late July through mid-November, students participating in marching bands will perform at all football games, competitive events, and / or festivals as determined by the director. Students will attend a mandatory band camp during the late summer, prior to the start of the performance season and school year. Cost of camp varies depending upon the Band and Orchestra Booster's ability to supplement the expenses. Marching band rehearses three times per week after school once the school year has started. A wide variety of music will be memorized and performed during the season. Performances and rehearsals are mandatory. Students participating in marching band must be enrolled in a year-long performing ensemble class: wind ensemble, symphonic band, percussion ensemble, orchestra or choir. A fee may be required.

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<b>899 WIND ENSEMBLE</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *AUDITIONS REQUIRED, MEMBERSHIP DETERMINED BY DIRECTOR*

Students selecting this course will be involved in all aspects of the band program throughout the school year. The Wind Ensemble is the advanced high school concert band. Membership in this group will be determined by audition. Students who have previously been appointed to the group generally remain in the group for as long as they continue in the band program, unless an exception is made by the director. Students will learn and master advanced woodwind, brass, and percussion techniques and perform collegiate and professional repertoire, equivalent to the OMEA Class AA and A music lists. Performances will include a fall concert, spring concert, the February band festival, as well as participation in OMEA district and state band event. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire. A fee is required.

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<b>886 SINFONIA ORCHESTRA</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *8<sup>TH</sup> GRADE ORCHESTRA OR PERMISSION OF INSTRUCTOR, AUDITIONS REQUIRED*

The standard high school string orchestra, also called "Sinfonia", is open to all string players (violin, viola, cello, string bass, harp) in grades 9 to 12. Students will learn and master a variety of basic and intermediate string techniques and repertoire, equivalent to the OMEA Class C music list. Performances will include a fall, winter, and spring concert, the district-wide Orchestra Festival, also known as the "Chocolate Symphony", as well as participation in the OMEA state orchestra competition. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire (price range \$30-70). A fee is required.

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<b>888 PHILHARMONIC ORCHESTRA</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *AUDITIONS REQUIRED*

The Philharmonic Orchestra is the intermediate high school string ensemble in which members are appointed by audition. Members are encouraged to partake in private instruction throughout the course of the school year. Students will learn and master intermediate string techniques and perform a variety of intermediate repertoire, equivalent to the OMEA Class B music list. Performances will include a fall, winter, and spring concert, The district-wide Orchestra Festival, also known as the "Chocolate Symphony", as well as participation in OMEA state orchestra competition. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire (price range \$30-70). A fee is required.

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**898 CAMERATA ORCHESTRA**                      **GRADES 9-12**                      **LENGTH 36 WEEKS**                      **1.00 CREDIT**

PREREQUISITE: *AUDITIONS REQUIRED, PRIVATE INSTRUCTION HIGHLY ENCOURAGED*

The Camerata Orchestra is an advanced high school string ensemble in which members are appointed by audition. Members are strongly encouraged to partake in private instruction throughout the course of the school year. Students will learn advanced string techniques and perform a variety of advanced high school repertoire, equivalent to the OMEA Class A music list. Performances will include a fall, winter, and spring concert, the district-wide Orchestra Festival, also known as the "Chocolate Symphony", as well as participation in OMEA state orchestra competition. All 9th to 11th graders are also expected to perform in commencement ceremonies. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire (price range \$30-70). A fee is required.

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**908 CHAMBER ORCHESTRA**                      **GRADES 9-12**                      **LENGTH 36 WEEKS**                      **1.00 CREDIT**

PREREQUISITE: *AUDITIONS REQUIRED; PRIVATE INSTRUCTION REQUIRED*

Chamber Orchestra is the advanced high school string ensemble in which members are appointed by audition. Students who wish to audition for Chamber Orchestra, should they be accepted, are required to participate in private instruction throughout the course of the school year. Students will learn and master advanced string techniques and perform collegiate and professional repertoire, equivalent to the OMEA Class AA music list. Students in this elite group will rehearse and perform at a professional level and standard, and will often be asked to perform outside of the school day for community events, ceremonies, and more. Regular school scheduled performances will include a fall, winter, and spring concert, the district-wide Orchestra Festival, also known as the "Chocolate Symphony", as well as participation in OMEA state orchestra competition. All 9th to 11th graders are also expected to perform in Commencement ceremonies. The Chamber Orchestra will make up the string section of the Symphony Orchestra, which includes the winds and percussion sections. Members of the Chamber Orchestra will combine with OWAP once per week during their scheduled class time to rehearse as the Symphony Orchestra. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire (price range \$30-70). A fee is required.

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**889 SYMPHONY ORCHESTRA WINDS AND PERCUSSION (EARLY BIRD)**

**GRADES 9-12**                      **LENGTH 36 WEEKS**                      **.50 CREDIT**

PREREQUISITE: *AUDITIONS REQUIRED, STUDENTS MUST BE ENROLLED IN WIND ENSEMBLE*

Symphony Orchestra Winds and Percussion is held before school two to three days per week during early bird. There will also be one weekly rehearsal during the students' Wind Ensemble period. Students who play flute, oboe, clarinet, bassoon, horn, trumpet, trombone, tuba, or percussion may participate. Spots are limited, so auditions may determine placement. Students in this group will combine with the Chamber Orchestra to form the AHS Symphony Orchestra, a class AA full orchestra that will perform professional full orchestra repertoire. Performances will include a fall, winter and spring concert, the district-wide Orchestra Festival, also known as the "Chocolate Symphony", and all 9th to 11th graders are also expected to perform in Commencement ceremonies. All rehearsals and performances are mandatory. Students will also be required to purchase proper concert attire (price range \$30-70). A fee is required.

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**906 AP MUSIC THEORY GRADES 10-12 LENGTH 36 WEEKS 2.00 CREDITS**

*PREREQUISITE: AT LEAST 1 YEAR IN A HIGH SCHOOL PERFORMING ENSEMBLE (BAND, ORCHESTRA OR CHOIR) OR PERMISSION FROM INSTRUCTOR. GRADED SUMMER WORK REQUIRED.*

This course will be geared toward students who demonstrate outstanding skill as musicians, and while the course is strongly recommended for all students who plan to either major or minor in music after high school, all students who meet the prerequisites may enroll. The ultimate goal of the course is to develop the student's ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a musical score. This course will begin with a review of all basic fundamentals of notation, harmony, and solfege, followed by integrated approaches to the student's development of aural skills, sight-singing skills, written skills, compositional skills and analytical skills. A fee is required. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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# Other Special Programs

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**900 TEACHER EDUCATION EXPLORATION (TEE)    GRADE 12    LENGTH 36 WEEKS    4.00 CREDITS**

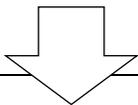
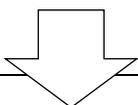
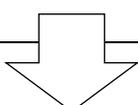
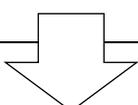
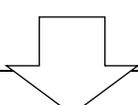
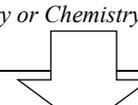
PREREQUISITE: *SENIOR STATUS IN GOOD STANDING*

The Teacher Education Exploration Program is designed to encourage interested high school seniors to enter the teaching profession by providing them with the support and training necessary for success as both students and teachers. **The students enrolled in the TEE Program will intern in all grade levels from kindergarten through middle school within the Avon School District for three periods of the school day.** Students enrolled in the Teacher Education Exploration Program will receive four vocational credits. The program consists of classroom time (one day per week) and an internship experience (four days per week) for three periods per day. Teacher Education Exploration curriculum will be taught as an online course offered through Lorain County JVS's website. The students will also meet with the TEE Program teacher one day per week to gather information, concepts, and theories related to teaching, learning, and children. The best way to learn how to teach is to observe experienced and enthusiastic teachers, and to talk to them about what they do. Students will learn to apply information, concepts, and theories to real-life contexts. TEE students will be placed in K-8 classrooms as interns with each placement lasting approximately four weeks. At the end of the year, the student will be able to revisit his / her favorite grade level or area.

For students the program has the following goals:

- ensure college readiness and exposure to college,
  - provide education related to teaching and learning,
  - provide internship experience under the guidance of an experienced teacher, and
  - promote positive attitudes toward teaching.
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# 2019-20 Science Scheduling Pathways

<p><b>AMS Grade 8</b></p>	<p>Science 8</p> 	<p>Physical Science Honors</p> 
<p><b>AHS Grade 9</b></p>	<p>Physical Science or Physical Science Honors</p> 	<p>Biology or Biology Honors</p> 
<p><b>AHS Grade 10</b></p>	<p>Biology or Biology Honors</p> 	<p>Chemistry or Chemistry Honors and/or AP Biology*</p> <p><i>*May take AP Biology concurrently with Chemistry or Chemistry Honors</i></p> 
<p><b>AHS Grades 11 and 12</b></p>	<p>Chemistry or Chemistry Honors Physics or AP Physics Anatomy and Physiology* CCP BIOG 121 &amp; 122 (Anatomy and Physiology I &amp; II) Environmental Science/Astronomy</p> <p><i>*May take Anatomy and Physiology concurrently with Chemistry or Chemistry Honors</i></p>	<p>AP Chemistry Anatomy and Physiology* CCP BIOG 121 &amp; 122 (Anatomy and Physiology I &amp; II) Physics or AP Physics</p> <p><i>*May take Anatomy concurrently with Chemistry or Chemistry Honors</i></p>

\*Honors Diploma Note: Any fourth science credit will fulfill the Academic Honors Diploma requirements.



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**320B ENVIRONMENTAL SCIENCE**                      **GRADES 10-12**                      **LENGTH 18 WEEKS**                      **.50 CREDIT**

PREREQUISITE: *PHYSICAL SCIENCE*

Environmental Science is designed to highlight interactions between humans and the Earth. Some topics within this realm include resource consumption, population studies, biodiversity, environmental current events, water and land resources, and climate studies. There will be a research component to the class that will require students to use scientific inquiry skills and practice techniques in a lab / research setting. A fee is required. This course meets NCAA eligibility requirements.

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**321 AP BIOLOGY**                                      **GRADES 11-12**                                      **LENGTH 36 WEEKS**                                      **2.00 CREDITS**

PREREQUISITE: *AN A AVERAGE IN BIOLOGY HONORS AND CURRENTLY ENROLLED IN OR HAVE TAKEN CHEMISTRY HONORS AND BIOLOGY TEACHER RECOMMENDATION; GRADED SUMMER WORK REQUIRED*

AP Biology is a rigorous college freshman level course that is designed to allow the student to receive college credit by passing the standardized AP exam given in May. The national Advanced Placement Program guidelines are strictly adhered to. AP Biology will consist of a more in-depth study of the concepts learned in Biology Honors as well as many advanced topics beyond the curriculum of Biology Honors. Independent study outside of class, including graded summer assignments, is necessary to adequately prepare for the AP exam. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. A lab fee is required. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**323 CHEMISTRY**                                      **GRADES 11-12**                                      **LENGTH 36 WEEKS**                                      **1.00 CREDIT**

PREREQUISITE: *PHYSICAL SCIENCE*

This course covers the traditional material of high school chemistry (symbols, formulas, equations, types of reactions, mechanisms of reactions, energy of reactions, calculations involving mass quantities in reactions) with a brief survey of organic chemistry. A student of below average math ability would have to exert special efforts for success. Laboratory work parallels classroom topics. The student is expected to perform lab exercises, develop lab skills, analyze data, and submit lab reports. Lab reports consisting of data collected and calculations made are required for most labs. Students are required to have a scientific calculator. A lab fee is required. This course meets NCAA eligibility requirements.

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**325 CHEMISTRY HONORS**                                      **GRADES 10-12**                                      **LENGTH 36 WEEKS**                                      **1.00 CREDIT**

PREREQUISITE: *BIOLOGY HONORS WITH AN A OR B AVERAGE; ALGEBRA I WITH AN A OR B AVERAGE*

Chemistry Honors is a first-year chemistry course designed for the student preparing to take AP Chemistry or go into a science-related field. Students who successfully complete Chemistry Honors will have the option of then taking AP Chemistry the following year. The topics of this course will be the same as that of Chemistry, but in greater detail and at a faster pace. Students must be proficient in math as basic algebra skills will be used a great deal. Students will perform lab experiments, develop lab skills, analyze data, and submit lab reports. Students must purchase a lab notebook and a scientific calculator. A lab fee is required. This course meets NCAA eligibility requirements.

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**423 PHYSICS                      GRADE 11-12    LENGTH 36 WEEKS                      1.00 CREDIT**

PREREQUISITE: *B AVERAGE IN ALGEBRA II*

This course is an algebra and trigonometry-based introduction to the topics of motion and Newtonian mechanics, energy, wave fundamentals, electricity, and magnetism designed for college-bound students. Course evaluation and activities include problem-solving, laboratory investigations, and written tests. Scientific calculators are required. A lab fee is required. This course meets NCAA eligibility requirements.

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**426 AP PHYSICS I                      GRADES 11-12    LENGTH 36 WEEKS                      2.00 CREDITS**

PREREQUISITE: *AN A AVERAGE IN HONORS ALGEBRA II; GRADED SUMMER WORK / READING REQUIRED.*

This is an Advanced Placement laboratory course which is equivalent to the first semester, a typical introductory, algebra-based, college physics course. The course is designed to prepare students to take the Physics I advanced placement examination and can potentially qualify as college credit. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. Scientific calculators are required. A lab fee is required. Graded summer work will be required. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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# Social Studies

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**142 MODERN WORLD HISTORY****GRADE 9****LENGTH 36 WEEKS****1.00 CREDIT**

Designed as the first social studies of the series, this course will provide each student with an opportunity to enhance his / her essential skills. This course will touch upon the studies of geography, history, economics, civics, and current events. Modern World History serves as a survey of western civilization from the Age of Enlightenment through the Cold War and modern conflicts. Its emphasis will be a world history perspective and serves as the foundation for the American History course. This course meets NCAA eligibility requirements.

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**143 MODERN WORLD HISTORY HONORS GRADE 9****LENGTH 36 WEEKS****1.00 CREDIT**

*PREREQUISITE: B+ OR HIGHER IN THE PREVIOUS YEAR'S SOCIAL STUDIES AND ENGLISH CLASSES AND IT IS SUGGESTED TO TAKE CONCURRENTLY WITH LANGUAGE ARTS 9 HONORS*

Designed as the first social studies of the series, this course will provide each student with an opportunity to enhance his / her writing and research skills. This course will touch upon the studies of geography, history, economics, civics, and current events. Modern World History serves as a survey of western civilization from the Age of Enlightenment through the Cold War and modern conflicts. Its emphasis will be American history in a world history perspective and serves as the foundation for 241 AP United States History. This course will also introduce skills, concepts, and assessment methods to prepare students for successful completion of AP United States History. Students are expected to complete weekly writing samples of historical research or interpretation. Home internet access is extremely encouraged. This course meets NCAA eligibility requirements.

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**243 AMERICAN HISTORY****GRADE 10****LENGTH 36 WEEKS****1.00 CREDIT**

American History begins with a quick overview of the pre-Industrial Age and proceeds to uncover American History within a world perspective through the current period. Emphasis will be placed on the interrelationship of the North American continent to the rest of the world and vice versa. Students will come away with a firm understanding that America is not a singular isolated nation but one with historical, political, economic, and philosophical links to the rest of the world. This course is a requirement for graduation and will prepare students for the Ohio State Test given at the end of the year. This course meets NCAA eligibility requirements. A fee may be required.

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**241 AP UNITED STATES HISTORY                      GRADES 10-11                      LENGTH 36 WEEKS                      2.00 CREDITS**

*PREREQUISITE: B+ OR HIGHER IN MODERN WORLD HONORS AND ENGLISH CLASSES. RECOMMENDED ENROLLMENT LANGUAGE ARTS 10 HONORS; GRADED SUMMER WORK / READING REQUIRED.*

This course will cover all of the material included in course 243 American History, but has been designed to present the material in a format encouraged by the College Board. The AP program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. The AP United States History course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will be expected to complete frequent writing samples of historical research or interpretation. Summer reading will be distributed to each student enrolled in the course and it is expected that students will read the selections before the school year begins. In May, students will have the opportunity to take the AP exam to qualify for college credit. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**242 SOCIOLOGY    GRADES 10-12    LENGTH 18 WEEKS    .50 CREDIT**

Sociology, in short, is the scientific study of society. Using various methods of experimental investigation and observational analysis we will explore the development, structure, interaction, and collective behavior of organized groups of human beings. During this course we will question why social norms are "normal," why certain human behaviors are "natural," and how and why society continuously strives for change. This course meets NCAA eligibility requirements.

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**342 AMERICAN CULTURAL STUDIES                      GRADES 11-12                      LENGTH 18 WEEKS                      .50 CREDIT**

This course has been designed as a look at American History through its cultural aspects. Study will begin with the first roaring upheaval of American cultural norms during the 1920s and will continue through contemporary times. The study of our nation's pastimes (baseball and flagpole sitting), hobbies, and entertainment (movies and music) will provide the student with an excellent view of the roots of contemporary living. Flappers, the Golden Age of Hollywood, the Andrews Sisters, the blues, the Packard and DeSoto, Nehru jackets, Andy Warhol, and disco are topics to be covered within this look at American pop culture. Students will be evaluated through quizzes, tests, and class presentations. A nominal fee may be assessed each student for a series of paperback books. This course meets NCAA eligibility requirements.

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**343 PSYCHOLOGY    GRADES 11-12    LENGTH 18 WEEKS    .50 CREDIT**

This course tries to help students understand their behavior and feelings and the behavior and feelings of others. A certain amount of sharing of personal information is encouraged but not required. Typical topics covered are learning, thinking, intelligence, the brain and senses, abnormal behavior, and personality. This course meets NCAA eligibility requirements.

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<b>APP343 AP PSYCHOLOGY</b>	<b>GRADES 11 – 12</b>	<b>LENGTH 36 WEEKS</b>	<b>2.00 CREDIT</b>
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PREREQUISITE: *TEACHER RECOMMENDATION*

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The Advanced Placement Psychology course will offer students the opportunities to learn about the explorations and discoveries made by psychologists over the past century. Students will get the chance to assess some of the differing approaches adopted by psychologists, including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. The Advanced Placement Psychology course aims to provide students with a learning experience equivalent to that of most college introductory psychology courses. This course will prepare students to successfully conquer the AP Psychology Exam. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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<b>346 ECONOMICS</b>	<b>GRADES 11-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course satisfies .50 social studies credit as well as the financial literacy standards required for graduation. This course meets NCAA eligibility requirements.

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<b>APE347 AP ECONOMICS</b>	<b>GRADES 11-12</b>	<b>LENGTH 36 WEEKS</b>	<b>2.00 CREDITS</b>
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PREREQUISITE: *RECOMMENDED PREVIOUS ENROLLMENT IN ANOTHER AP COURSE; REQUIRED B AVERAGE IN ALGEBRA II; GRADED SUMMER WORK / READING REQUIRED.*

The study of AP Economics will give students a thorough understanding of the principles of economics that apply to the functions of micro and macroeconomics. AP Microeconomics is an introductory college-level course that focuses on individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. AP Macroeconomics is an introductory college-level course that focuses on an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. A graded summer assignment will be assigned and assessed. Students will also be taking Personal Finance / Financial Literacy after the AP exam, which will meet the requirement for this course and will exempt students from taking the course separately. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**440 GOVERNMENT****GRADE 11-12****LENGTH 18 WEEKS****.50 CREDIT**

This course is designed so that the student will get an overall view of the functioning of the federal system. Emphasis is placed on comparative governments and differing ideologies, origins of the United States Government and development of the United States Constitution. Additionally, this course will cover the growth of our two party system, importance of minor parties and role of interest groups, the election process, and an in-depth look at the executive, legislative, and judicial branches of our national government. Current event discussions and outside readings are periodically included in the classroom discussion. Tests will be given that include information gained through lecture, individual research, and simulation activities. A comprehensive exam at the end of the semester will be given. This course is a requirement for graduation and will prepare students for the Ohio State Test given at the end of the year. A nominal fee may be assessed for a workbook, magazine or paperback. This course meets NCAA eligibility requirements.

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**442 AP UNITED STATES GOVERNMENT AND POLITICS****GRADE 11-12****LENGTH 36 WEEKS****2.00 CREDITS**

PREREQUISITE: *RECOMMENDED PREVIOUS ENROLLMENT IN ANOTHER AP COURSE; GRADED SUMMER WORK / READING REQUIRED.*

This year-long course is designed for highly motivated juniors or seniors ready to take on a college level course. Students enrolled in this course will be introduced and engaged in the American Government system. This study of government will begin with the history and foundations of the United States Government and end with active participation. Within this course, students will discuss and analyze the three branches of government, their interactions with one another as well as interactions with other political forces. Students will be expected to complete an assignment the summer prior to taking the course. Students can expect to spend time each night reading the textbook. Students can expect to be involved in class projects, group discussion and several activities throughout the year. Throughout the course, students will complete a variety of activities that require them to analyze and interpret data, make comparisons and applications and develop evidence-based arguments. Students will be required to take vocabulary and chapter reading quizzes. Unit exams will be modeled after the AP exam. In addition to summer work, students will be required to take part in a guided political science research project or civics project. Most importantly, students will leave this class aware of their role as a citizen of the United States participating in democracy. This course meets NCAA eligibility requirements. A weighted grading scale will be applied. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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# Engineering and Computer Science Scheduling Pathways

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Grade	Engineering Course	Computer Science Course	Recommended Concurrent Math Course
<b>Year 1</b>	<p style="text-align: center;">Introduction to Engineering Design (IED) or Women in Engineering (IED)</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of Algebra I or the equivalent</i></p> <div style="text-align: center;">↓</div>	<p style="text-align: center;">AP Computer Science Principles</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of Algebra I or the equivalent</i></p> <div style="text-align: center;">↓</div>	Geometry or Above
<b>Year 2</b>	<div style="text-align: center;">↓</div> <p style="text-align: center;">Principles of Engineering (POE)</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of Algebra I or the equivalent</i></p> <div style="text-align: center;">↓</div>	<div style="text-align: center;">↓</div> <p style="text-align: center;">Introduction to Programming</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of Algebra I or the equivalent</i></p> <div style="text-align: center;">↓</div>	Geometry or Above
<b>Year 3</b>	<div style="text-align: center;">↓</div> <p style="text-align: center;">Digital Electronics (DE)</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of Algebra I or the equivalent</i></p> <div style="text-align: center;">↓</div>	<div style="text-align: center;">↓</div> <p style="text-align: center;">AP Computer Science A</p> <p style="text-align: center;"><i>*Pre-requisite: Satisfactory completion of AP CSP or Intro to Programming</i></p> <div style="text-align: center;">↓</div>	Geometry or Above
<b>Year 4</b>	<div style="text-align: center;">↓</div> <p style="text-align: center;">Elective</p>	<div style="text-align: center;">↓</div> <p style="text-align: center;">Elective</p>	Geometry or Above

*\*Students enrolled in Engineering Courses and AP Courses can earn special recognition via the AP + PLTW Partnership.*

# Technology and Engineering

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**CP0333 INTRODUCTION TO COMPUTER PROGRAMMING GRADES 9-12 LENGTH 18 WEEKS .50 CREDIT**  
PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR TEACHER RECOMMENDATION*

This course is aimed at students with little or no prior programming experience but a desire to understand computational approaches to problem solving. Students will analyze, design, code, test, and understand computational approaches to problem solving. Students will be introduced to the C language which is a higher level structured programming language and Python/Java which are object-oriented programming languages. This course is designed to prepare students for an easier entry into AP Computer Science A. AP Computer Science Principles is highly recommended. NCAA Eligibility is pending.

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**ACS439 AP COMPUTER SCIENCE PRINCIPLES GRADES 10 - 12 LENGTH 36 WEEKS 2 CREDITS**  
PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR THE EQUIVALENT, 9<sup>TH</sup> GRADERS BY TEACHER RECOMMENDATION*

AP Computer Science Principles is equivalent to a first-semester, college-level breadth course in computer science. AP CSP introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Prior computer science experience is not required to take this course; however, students should possess a strong foundation in composition of functions, problem-solving strategies, and mathematical reasoning. See your counselor for more information. This course meets NCAA eligibility requirements. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**ACS440 AP COMPUTER SCIENCE A GRADES 9-12 LENGTH 36 WEEKS 2.00 CREDITS**  
PREREQUISITE: *INTRODUCTION TO COMPUTER PROGRAMMING OR AP COMPUTER SCIENCE PRINCIPLES*

AP Computer Science A is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. Preparation for the AP Computer Science A exam is emphasized. NCAA Eligibility is pending. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**IED902 INTRODUCTION TO ENGINEERING DESIGN (IED) GRADES 9-12 LENGTH 36 WEEKS 1.00 CREDIT**

PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR THE EQUIVALENT*

Introduction to Engineering Design (IED) is a high school level foundation course in the PLTW Engineering Program. Students are introduced to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Through both individual and collaborative team activities, projects, and problems, students will problem solve as they practice common engineering design and development protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. 3D printers will be used to fabricate several designs. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented. Students have the opportunity to earn dual high school and college credit. A fee is required.

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**WIE902 WOMEN IN ENGINEERING - INTRODUCTION TO ENGINEERING DESIGN (IED)**

**GRADES 9-12 LENGTH 36 WEEKS 1.00 CREDIT**

PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR THE EQUIVALENT*

The Women in Engineering section of Introduction to Engineering Design (IED) will use the Introduction to Engineering Design objectives and focus on women in all different fields of engineering. The course will offer opportunities to connect with local female professionals, college students, professors and others to help prepare girls who are interested in Engineering and want to know what that experience will entail. Introduction to Engineering Design (IED) is a high school level foundation course in the PLTW Engineering Program. Students are introduced to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Through both individual and collaborative team activities, projects, and problems, students will problem solve as they practice common engineering design and development protocols such as project management and peer review. Students will develop skill in technical representation and documentation of design solutions according to accepted technical standards, and they will use current 3D design and modeling software to represent and communicate solutions. 3D printers will be used to fabricate several designs. In addition, the development of computational methods that are commonly used in engineering problem solving, including statistical analysis and mathematical modeling, are emphasized. Ethical issues related to professional practice and product development are also presented. Students have the opportunity to earn dual high school and college credit. A fee is required

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**POE903 PRINCIPLES OF ENGINEERING (POE) GRADES 10-12 LENGTH 36 WEEKS 1.00 CREDIT**

*PREREQUISITE: SATISFACTORY COMPLETION OF INTRODUCTION TO ENGINEERING DESIGN OR B OR HIGHER IN ALGEBRA I OR THE EQUIVALENT; 9<sup>TH</sup> GRADERS BY TEACHER RECOMMENDATION*

Principles of Engineering (POE) is the second foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. Students have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APB) learning. By solving rigorous and relevant design problems using engineering and science concepts within a collaborative learning environment, APB learning challenges students to continually hone their interpersonal skills, creative abilities, and problem solving skills. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education. Students have the opportunity to attend additional engineering electives on the LCCC campus and earn dual high school and college credit. A fee is required.

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**DE0903 DIGITAL ELECTRONICS (DE) GRADES 9-12 LENGTH 36 WEEKS 1.00 CREDIT**

*PREREQUISITE: B OR HIGHER IN ALGEBRA I OR THE EQUIVALENT; SATISFACTORY COMPLETION OF INTRODUCTION TO ENGINEERING DESIGN AND PRINCIPLES OF ENGINEERING RECOMMENDED.*

Open doors to understanding electronics and foundations in circuit design. Digital Electronics (DE) is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. Students learn the digital circuit design process to create circuits and present solutions that can improve people's lives. Learn how advancements in foundational electronic components and digital circuit design processes have transformed the world around you. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will analyze, design, and build digital electronic circuits. While implementing these designs, students will continually hone their professional skills, creative abilities, and understanding of the circuit design process. DE is a high school level course that is appropriate for any student interested in exploring electronics. Other than their concurrent enrollment in college preparatory mathematics and science courses, this course assumes no previous knowledge. This course can be taken as part of the engineering pathway or as a separate elective. Students have the opportunity to earn dual high school and college credit. A fee is required.

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<b>ROB100 ROBOTICS I</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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This course is designed to introduce students to the various aspects of Robotics as a subject with a focus on FIRST Robotics. Students will take part in a series of projects that build skills in different areas of Robotics while learning lab safety and organization. Mechanical and electrical engineering, computer programming, automation, business management and the Engineering Design Process will be explored and practiced throughout the school year and during the FIRST Robotics Build Season. . During the Build Season, students will collaborate on the design, creation, and function of the team's competition robot in preparation for the Regional Competition. Students who do not take Robotics can elect to participate on the team as part of the after school activities. A fee may be required, if applicable.

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<b>ROB200 ROBOTICS II</b>	<b>GRADES 10-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *INTRO TO ROBOTICS*

This course is a continuation of Intro to Robotics and is designed to advance student skills, knowledge, and experience in regards to the field and subject of Robotics and the AHS FIRST Robotics program. Students will take part in a series of projects that advances and reinforces skills in different areas Robotics while learning lab safety and organization. Mechanical and electrical engineering, computer programming, automation, business management and the Engineering Design Process will be practiced and advanced throughout the school year and in combination with the FIRST Robotics season. During the FIRST Robotics Season, students will collaborate on the design, creation, and function of the team's competition robot in preparation for the Regional Competition. Students who do not take Advanced Robotics I can elect to participate on the team as part of the after school activities. Those students participating in Advanced Robotics will collaborate with students in Intro to Robotics and members of the AHS Robotics Team. A fee may be required, if applicable.

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<b>KYH148 KNOW YOUR HOME</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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In this course, students will explore the function of materials used in home construction. From a home's foundation, to its electrical and plumbing structure, students will become knowledgeable in what makes a home habitable. In addition, students learn basic home repair skills and basic construction terminology and technology. The primary focus is for learners to be able to solve practical household repairs and navigate minor remodeling projects as future homeowners. Learners will utilize various hand and power tools at a basic level. A fee is required.

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<b>IST149 INTRODUCTION TO SKILLED TRADES</b>	<b>GRADES 9-12</b>	<b>LENGTH 18 WEEKS</b>	<b>.50 CREDIT</b>
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PREREQUISITE: *SATISFACTORY COMPLETION OF KNOW YOUR HOME*

There are two focuses of this course. First, learners will explore carpentry, plumbing, electrical, painting, roofing and siding in a classroom lab environment. The class will collaborate and construct approved projects for the community and school district as hands-on opportunities to apply skills. In addition, this course will examine the demand for skilled employees in the trade industry. This dynamic course will provide learners with a great opportunity to test their interest in seeking advanced training or apprenticeship opportunities in the skilled trades. Learners will utilize various hand and power tools. A fee is required.

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<b>281 FRENCH II</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *RECOMMENDED C OR BETTER IN FRENCH I*

French II is a continuation of French I. Students complete their study of the basics of the language structure during this course. Greater independence and individuality of spoken and written French is experienced. High-frequency, productive vocabulary presented in each chapter focuses on a specific communicative topic and covers key situations where students would have to use French to survive. The French II course of study is aligned with Ohio's World Language Standards and the focus of the course is to provide students with the skills they need to create language for communication. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>MAN282 MANDARIN II</b>	<b>GRADES 9-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *RECOMMENDED C OR BETTER IN MANDARIN I*

This course is designed for those who have taken Mandarin I, and will include a review of grammar. The student will develop fluency in understanding, speaking, reading and writing Mandarin. Selected readings about Chinese culture and literature will be explored. This course is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>380 SPANISH III</b>	<b>GRADES 10-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *RECOMMENDED C OR BETTER IN SPANISH II*

In Spanish III students will continue to develop their proficiency in reading, speaking, listening, and writing in a review of the core material from the preceding levels followed by the introduction of four other grammar tenses. They begin to communicate using more complex structures in Spanish on a variety of topics. They comprehend the main ideas of authentic materials that they read and hear, and are able to identify significant details when the topics are familiar. This course is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>383 SPANISH III HONORS</b>	<b>GRADES 10-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *AN A IN SPANISH II, SPANISH II HONORS OR TEACHER RECOMMENDATION*

Spanish III Honors goes beyond the performance objectives outlined in the description of Spanish III in terms of the depth and the extent of the content and will move at a faster pace. Selection of students is based on a strong recommendation by their Spanish teachers. Students will acquire advanced and useful vocabulary and will master the more complicated aspects of Spanish grammar. Students will read and understand a variety of authentic texts. They will write and speak at an intermediate level. This course is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>480 SPANISH IV</b>	<b>GRADES 11-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *RECOMMENDED C OR BETTER IN SPANISH III OR SPANISH III HONORS*

Spanish IV will focus on the literature, art, customs, history and geography of Spain. Spanish is used exclusively to carry out daily activities to develop the skills of listening, speaking, reading, and writing. Students will read and understand a variety of authentic texts including short stories, poetry, and other literary selections and learn to express themselves in written and oral modes at mid-intermediate level. Students will develop practical communicative skills in Spanish and familiarize them with the Hispanic culture through authentic literary reading and relevant contemporary sociocultural information. Grammar will be fully integrated within a cultural context and present both as a review and as an introduction to the more advanced structures of the language. There will be a more extensive literary component to this course which will incorporate knowledge of vocabulary, advanced grammar and writing skills, and discussion, as well as literary analysis in the Spanish language. This course is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>478 SPANISH IV HONORS</b>	<b>GRADES 11-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *SPANISH III HONORS OR TEACHER RECOMMENDATION*

Spanish IV Honors is an advanced study of the language which prepares students for daily use of Spanish beyond high school. Spanish is used almost exclusively to carry out daily activities and discussions. Students will use the language to explore topics related to the history, people and culture of the Spanish-speaking world. They will continue to develop their skills in listening, reading comprehension, writing and speaking proficiency through a variety of activities in and outside of the classroom. They will develop communication skills through authentic literary reading and relevant sociocultural information. Grammar will be fully integrated as a review and a refinement of the more complex structures of the language. Students will also carry out skill-building activities in the three modes of communication (Interpretive, Interpersonal, and Presentational). The Spanish IV course of study is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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<b>481 FRENCH IV</b>	<b>GRADES 11-12</b>	<b>LENGTH 36 WEEKS</b>	<b>1.00 CREDIT</b>
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PREREQUISITE: *RECOMMENDED C OR BETTER IN FRENCH III OR FRENCH III HONORS*

French IV will focus on the literature, art, customs, history and geography of France. French is used exclusively to carry out daily activities to develop the skills of listening, speaking, reading, and writing. Students will read and understand a variety of authentic texts including short stories, poetry, and other literary selections and learn to express themselves in written and oral modes at mid-intermediate level. Students will develop practical communicative skills in French and familiarize them with the francophone culture through authentic literary reading and relevant contemporary sociocultural information. Grammar will be fully integrated within a cultural context and present both as a review and as an introduction to the more advanced structures of the language. There will be a more extensive literary component to this course which will incorporate knowledge of vocabulary, advanced grammar and writing skills, and discussion, as well as literary analysis in the French language. The French IV course of study is aligned with Ohio's World Language Standards and the focus of the course is to provide students with the skills they need to create language for communication. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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**479 FRENCH IV HONORS**                      **GRADES 11-12**                      **LENGTH 36 WEEKS**                      **1.00 CREDIT**

PREREQUISITE: *FRENCH III HONORS OR TEACHER RECOMMENDATION*

French IV Honors is an advanced study of the language which prepares students for daily use of French beyond high school. French is used almost exclusively to carry out daily activities and discussions. Students will use the language to explore topics related to the history, people and culture of the franco-phone world. They will continue to develop their skills in listening, reading comprehension, writing and speaking proficiency through a variety of activities in and outside of the classroom. They will develop communication skills through authentic literary reading and relevant sociocultural information. Grammar will be fully integrated as a review and a refinement of the more complex structures of the language. Students will also carry out skill-building activities in the three modes of communication (Interpretive, Interpersonal, and Presentational). The French IV Honors course of study is aligned with Ohio's World Language Standards. A fee and workbook may be required. This course meets NCAA eligibility requirements.

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**482 SPANISH V**                                      **GRADES 11 -12**                                      **LENGTH 36 WEEKS**                                      **1.00 CREDIT**

PREREQUISITE: *GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN SPANISH IV OR SPANISH IV HONORS*

Students in this college-level course have completed Spanish IV or Spanish IV Honors and wish to acquire the proficiency necessary to understand native speakers at a natural pace in formal and informal contexts. An awareness of the various cultures of the Spanish-speaking world is emphasized and will be engaged in 6 integrated thematic contexts (Global Challenges, Contemporary Life, Beauty and Aesthetics, Science and Technology, Families and Communities, Personal and Public Identities). The course is designed to develop an adequate vocabulary for a more thorough understanding of current events articles, literature and other non-technical writings. Students are required to exclusively speak the language with the instructor and classmates. Students work to express themselves by narration, description, inquiry and persuasion, orally and in writing. This course meets NCAA eligibility requirements. A fee is required.

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**483 FRENCH V**                                      **GRADES 11 -12**                                      **LENGTH 36 WEEKS**                                      **1.00 CREDIT**

PREREQUISITE: *GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN FRENCH IV OR FRENCH IV HONORS*

This course is offered to students who have successfully completed French IV or French IV Honors. French V is comparable in content and difficulty to a third-year college level course in French Composition and Conversation. This course is designed for those who wish to pursue college-level studies in French in preparation for advanced language study. French V continues to engage students in an exploration of cultural products, practices and perspectives of the French-speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Areas of investigation may include but are not limited to: environmental issues, discoveries and inventions, education, professions, alienation and assimilation, family structures, and ideals of beauty. Course work provides students with opportunities to demonstrate their proficiency in the three modes of communication: Interpretive, Interpersonal, and Presentational. Students are required to purchase workbook and novel. This course meets NCAA eligibility requirements. A fee is required.

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**ASP487 AP SPANISH****GRADES 11 -12****LENGTH 36 WEEKS****2.00 CREDITS**

PREREQUISITE: *TEACHER RECOMMENDATION, FINAL GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN SPANISH IV OR SPANISH IV HONORS*

Students in this college-level course have completed Spanish IV or Spanish IV Honors and wish to acquire the proficiency necessary to understand native speakers at a natural pace in formal and informal contexts. An awareness of the various cultures of the Spanish-speaking world is emphasized and will be engaged in 6 integrated thematic contexts (Global Challenges, Contemporary Life, Beauty and Aesthetics, Science and Technology, Families and Communities, Personal and Public Identities). The course is designed to develop an adequate vocabulary for a more thorough understanding of current events, articles, literature and other non-technical writings. Students are required to exclusively speak the language with the instructor and classmates. Students work to express themselves by narration, description, inquiry and persuasion, orally and in writing. This course meets NCAA eligibility requirements. A fee is required. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**AFR488 AP FRENCH****GRADES 11 -12****LENGTH 36 WEEKS****2.00 CREDITS**

PREREQUISITE: *TEACHER RECOMMENDATION, FINAL GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN FRENCH IV OR FRENCH IV HONORS*

This AP course is offered to students who have successfully completed French IV or French IV Honors. AP French Language and Culture is comparable in content and difficulty to a third-year college level course in French Composition and Conversation. This course is designed for those who wish to pursue college-level studies in French in preparation for the Advanced Placement French Language and Culture exam and for advanced language study. The AP French Language and Culture course continues to engage students in an exploration of cultural products, practices and perspectives of the French-speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Areas of investigation may include but are not limited to: environmental issues, discoveries and inventions, education, professions, alienation and assimilation, family structures, and ideals of beauty. Course work provides students with opportunities to demonstrate their proficiency in the three modes of communication: Interpretive, Interpersonal, and Presentational. Students are required to purchase a workbook and novel. This course meets NCAA eligibility requirements. A fee is required. Participation in the AP exam is a requirement of the course and an exam cost of approximately \$90.00 is the responsibility of each enrolled student. Free and reduced lunch students may apply for fee waivers for the AP exam. See your counselor for more information.

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**THIS LCCC COURSE IS ON THE AHS CAMPUS!**

<b>CCP197 CCP CHNS 151G (CHINESE I)</b>	<b>GRADES 11 - 12</b>	<b>6.00 SEMESTER HOURS/</b>
<b>CCP198 CCP CHNS 152G (CHINESE II)</b>	<b>TOTAL LENGTH 36 WEEKS</b>	<b>2.00 CREDITS</b>

PREREQUISITE: *TEACHER RECOMMENDATION, FINAL GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN MANDARIN III*

This CCP course is offered to students who have successfully completed Mandarin III. The curriculum and the class material follow the guidelines of the World Language Department of Lorain Community College. This course is designed for those who wish to pursue college-level studies in an exploration of cultural products, practices, and perspectives of the Mandarin-speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Areas of investigation may include, but are not limited to: environmental issues, discoveries and inventions, education, professions, alienation and assimilation, family structures, and ideals of beauty. Coursework provides students with opportunities to demonstrate their proficiency in the three modes of communication: Interpretive, Interpersonal, and Presentational. Students who register for CHNS 151G will be registered for CHNS 152G second semester. ***This is a College Credit Plus Course offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in this course. Students are bound by the regulations of the CCP program as established by LCCC. There is no fee to participate in the College Credit Plus program.***

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**THIS LCCC COURSE IS ON THE AHS CAMPUS!**

<b>CCP240 CCP CHNS 251G (CHINESE III)</b>	<b>GRADES 11 - 12</b>	<b>6.00 SEMESTER HOURS/</b>
<b>CCP240 CCP CHNS 252G (CHINESE IV)</b>	<b>TOTAL LENGTH 36 WEEKS</b>	<b>2.00 CREDITS</b>

PREREQUISITE: *FINAL GRADE OF "B" OR ABOVE FOR THE PREVIOUS YEAR IN CCP 152G OR MANDARIN IV*

This CCP course is offered to students who have successfully completed Mandarin IV or CCP152G. The curriculum and the class material follow the guidelines of the World Language Department of Lorain Community College. This course is designed for those who continue to pursue college-level studies in an exploration of cultural products, practices, and perspectives of the Mandarin-speaking world based on six broad themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Areas of investigation may include, but are not limited to: current events, environmental issues, discoveries and inventions, education, professions, alienation and assimilation, and ideals of beauty. Coursework provides students with opportunities to demonstrate their proficiency in the three modes of communication: Interpretive, Interpersonal, and Presentational. Students who register for CHNS 251G will be registered for CHNS 252G second semester. ***This is a College Credit Plus Course offered on the AHS campus. Students must apply and be accepted into the CCP program in order to participate in this course. Students are bound by the regulations of the CCP program as established by LCCC. There is no fee to participate in the College Credit Plus program.***

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# Tentative Avon High School Fees

**Please note that the tentative fees shown are from the 2020-2021 school year.**

**Avon High School fee payment will not be requested at the opening of the school year out of consideration for other expenses including Pay-to-Participate obligations.**

**Instructional fees for Avon High School will be assessed to students in the fall of 2021. Student households will receive individual billing.**

After that time, fees will be due promptly. Only fee payments from previous years will be accepted before that time.

All student fees can be paid online or with one check made payable to the **Avon Board of Education** once assessed. Checks can be brought directly to the office.

**All fees are subject to change.** Workbooks, supplies and special projects are **additional**.

Refunds from dropped classes will not be honored after ten days of scheduled classes.

**Note:** There is a \$10 charge for checks returned for non-sufficient funds plus an additional processing fee.

American History .....	11.00
Anatomy and Physiology .....	25.00
Art: Advanced 2D Design .....	40.00
Art: AP Studio Art .....	80.00
Art: Ceramics .....	44.00
Art: Ceramics & Sculpture I .....	30.00
Art: Ceramics & Sculpture II .....	30.00
Art: Digital Art & Photo .....	25.00
Art: Drawing .....	25.00
Art: Graphic Design .....	10.00
Art: Intro to Art .....	35.00
Art: Painting.....	40.00
Band: Jazz Ensemble.....	40.00
Band: Percussion Ensemble .....	30.00
Band: Symphonic Band.....	35.00
Band: Wind Ensemble.....	35.00
Biology .....	13.00
Biology, AP.....	25.00
Biology Honors .....	15.00
Chemistry.....	5.00
Chemistry, AP .....	10.00
Chemistry Honors .....	5.00
Culinary Fundamentals .....	43.00
Engineering: Introduction to Engineering .....	19.00
Engineering: Principles of Engineering.....	21.00
English Language Arts 9, 9 Honors.....	21.00
English Language Arts 10, 10 Honors, 11, 12.....	11.00
Environmental Science.....	8.00
Financial Literacy.....	22.00
French I, French II, French II Honors .....	16.00
French III, French III Honors, French IV, French IV Honors, & AP French .....	15.00
Global Foods .....	45.00
Health .....	8.00
Home: Know Your Home .....	20.00
Intro to Skilled Trades.....	20.00
Mandarin Chinese I .....	21.00
Music Theory, AP .....	20.00
Orchestra: Chamber Orchestra .....	35.00
Orchestra: Philharmonic.....	35.00
Orchestra: Sinfonia.....	35.00
Orchestra Winds and Percussion .....	25.00
Parking .....	15.00
Personal Wellness and Development .....	35.00
Physical Science.....	3.00
Physical Science Honors .....	3.00
Physics .....	5.00
Physics, AP .....	5.00
Principles of Foods.....	40.00
Robotics .....	15.00
Senior Fee .....	30.00
Sociology .....	5.00
Spanish I.....	21.00
Spanish II.....	14.00
Spanish III.....	18.00
Spanish IV.....	21.00
Spanish II Honors, Spanish III Honors or Spanish IV Honors .....	20.00
Student Planner .....	5.00
Student Technology Fee.....	5.00
Testing Day Exam: Practice ACT .....	18.00
Testing Day Exam: Practice PSAT .....	18.00
Testing Exam: AP Tests, All AP Exams .....	90.00