



# Waynesville High School

Program of Studies


2023 – 2024

BOE Approved 1/09/2023

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**WAYNE LOCAL**  
SCHOOL DISTRICT  
Waynesville, Ohio

**The mission of Wayne Local Schools** is to, in partnership with the community, develop the intellectual foundation for beneficial life-long learning, the necessary values for success, and the appropriate skills to be an informed, responsible, productive, and adaptive citizen. **The vision of Wayne Local Schools** is to provide the highest quality education, in a diverse student population, with compassion and excellence in all we do.

**At Wayne Local Schools, we value...**

**Citizenship** – the character of an individual viewed as a member of society

**Integrity** – adherence to ethical principles; soundness of character

**Service** – contribution to the welfare of others; the function of serving

**Academics** – scholarly endeavors that prepare students for success in a knowledge based economy

**Excellence** – the state or quality of excelling or being exceptionally good

**Spartan Pride is...**

**CITIZENSHIP**

**INTEGRITY**

**SERVICE**

**ACADEMICS**

**EXCELLENCE**

We're **SMALL** enough to really know our students. That gives them **BIG** opportunities.

**At Wayne Local Schools, we strive to...**

- Provide and implement a state of the art learning environment and a positive learning community.
- Provide an educational environment that meets the academic needs of all students.
- Provide an educational environment that supports the development of the whole child.

*Welcome to Waynesville High School. This handbook is designed to help students plan their high school course of study. We have made several changes to our current programs and requirements and we hope that these changes will encourage all students to take advantage of every opportunity offered at WHS. Waynesville High School has the highest rating given by the Ohio Department of Education with a faculty that is very caring, experienced and nurturing. We hope you will use this handbook as a guide to help you throughout your high school career.*

# Grading Scale

<i>Letter Grade</i>	<i>Percentage</i>	<i>Quarter Grades</i> Each 9 weeks quarter grade is based upon the following:	<i>Semester Grades</i> For semester grades, each quarter is worth 40% and the semester exam is worth 20%. To calculate: double the point value for the two quarters, add the point value for the exam and divide the total by 5. A .6 elevator will be used to determine when to use a higher grade.
A+	97-100	12 points	11.6
A	93-96	11 points	10.6
A-	90-92	10 points	9.6
B+	87-89	9 points	8.6
B	83-86	8 points	7.6
B-	80-82	7 points	6.6
C+	77-79	6 points	5.6
C	73-76	5 points	4.6
C-	70-72	4 points	3.6
D+	67-69	3 points	2.6
D	63-66	2 points	1.6
D-	60-62	1 point	.6
F		0 points	

## Grade Point Average Computation

<i>Letter Grade</i>	<i>Percentage</i>	<i>Non-Weight Pt Value</i>	<i>Honors Weight Pt Value</i>	<i>AP Weight Pt Value</i>
A+	97-100	4.3	4.8	5.3
A	93-96	4.0	4.5	5.0
A-	90-92	3.7	4.2	4.7
B+	87-89	3.3	3.8	4.3
B	83-86	3.0	3.5	4.0
B-	80-82	2.7	3.2	3.7
C+	77-79	2.3	2.8	3.3
C	73-76	2.0	2.5	3.0
C-	70-72	1.7	1.7	1.7
D+	67-69	1.3	1.3	1.3
D	63-66	1.0	1.0	1.0
D-	60-62	0.7	0.7	0.7

\*All Honors, AP are weighted. CCP Courses are weighted if offered in that subject area at WHS.

\*\*Starting with the class of 2023, Honors Classes will be weighted .5 less than Advanced Placement Courses.

\*\*\*Honors Diplomas (NGPA 3.5) and National Honor Society (NGPA 3.6) are based on the NON-WEIGHTED GPAs. This is important to know and understand when scheduling any Honors or AP Class.

## *Final Grades For Year Long Classes*

Each quarter is worth 20% and each semester exam is worth 10%. After the final grade is computed the Grade Point Average (GPA) is then figured. For final grade, double point value for all quarters, add the point value for the exams, divide the total by 10. A .6 elevator will be used to determine when to use a higher grade.

- Any student who does not receive a passing grade in two out of the three components of the semester (the two quarters and the quarter exam average) will receive a final grade of “F” for the semester.
- Any student who fails the second semester will fail the course for the year.
- Students must pass the course for the year to receive credit for the course.

## *Grade Level Guidelines*

Students are given grade classification based on the following schedule of credits. These are ONLY guidelines used to determine if a student is on track for grade.

Grade 9	less than 5 credits
Grade 10	must have 5 credit
Grade 11	must have 10 credits
Grade 12	must have 15 credits

## *Credits*

A student may not earn partial credit in any quarter, semester, or year course taken at WHS unless approved by the principal.

# Graduation Requirements

## Class of 2023 and beyond

English	4	
Math	4	(must include Algebra II or Alg. II equivalent)
Science	3	(must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit advanced study in one or more of the following sciences: chemistry, physics, anatomy, biology II or higher)
Social Studies	3	(must include World History, American History, and Government)
Health	1/2	
Physical Ed.	1/2	
Fine Arts **	1	
Electives *	5	
Total:	21 Units of Credit	

\*Elective units must include one or any combination of foreign language, fine arts, career-technical education, technology, English language arts, mathematics, science or social studies courses not otherwise required.

\*\*All students must complete at least two semesters of fine arts taken any time in grades 9-12.

Students following a career-technical pathway (WCCC) are exempted from the fine arts requirement.

\*\*\*Economics and/or Financial Literacy requirement met in College and Career Readiness (2024)

Class of 2026- must earn 1/2 credit Personal Finance

## Testing

The courses in which students take an end-of-course exam will be: ELA II, Algebra I, Geometry, Biology, American History and American Government.

Students can earn from 1–5 points for each exam, based on their performance.

5 – Advanced      4 – Accelerated      3 – Proficient      2 – Basic      1 – Limited

Students who take American History or Government as part of Advanced Placement or College Credit Plus programs can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points.

In addition to the minimum total of 21 credits in specified subjects and taking the required tests, students in the Class of 2023 and Beyond **must also** complete the following to graduate:

1. Show Competency – Students **MUST** earn a passing score on Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. The competency cut score shall be 684 for both the Algebra I and ELA II End of Course tests.
  
2. Show Readiness – Students **MUST** also earn two of the following diploma seals, choosing those that line up with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions and interests.

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

OhioMeansJobs Readiness Seal (Ohio)

College-Ready Seal (Ohio)

Citizenship Seal (Ohio)

Honors Diploma Seal (Ohio)

Technology Seal (Ohio)

Fine and Performing Arts Seal (Local)

Industry-Recognized Credential Seal (Ohio)

Military Enlistment Seal (Ohio)

Science Seal (Ohio)

Seal of Biliteracy (Ohio)

Community Service Seal (Local)

Student Engagement Seal (Local)

For more information on the Graduation requirements for the Class of 2023 and beyond, click [here](#) or [here](#).

*\*To earn local diploma seals, students must complete paperwork on the WHS website and submit to guidance counselors 1 semester prior to graduation. Click [here](#) for that information.*

## Graduation Expectations

Waynesville's graduation requirements meet or exceed the standards set forth by the Ohio Department of Education. In order to graduate a student must pass the required credits of the school district and must pass all ODE requirements as explained in the program of studies. No student will participate in graduation exercises unless all requirements for graduation are met and all fees are paid. All seniors who plan on participating in the WHS Graduation ceremony are required to participate in all designated practices. Those who fail to attend graduation practice may not be allowed to participate in the graduation ceremony.

The code of conduct will be enforced at all times. Any senior who participates in any activities (at the end of the school year) that includes but not limited to: vandalism, hazing, unlawful acts or any disruption of the education process, will be disciplined according to the code of conduct and may be removed from the graduation ceremony at the discretion of the administration.

## Class Rank

In determining valedictorian and salutatorian (rank of number one and number two respectively), class rank will be figured at the end of the fall semester of the school year. To be eligible for valedictorian or salutatorian honors, a student must have attended Waynesville High School the equivalent of two full school years, including one semester of their senior year.

Students who finish high school at the end of their fall semester of their senior year are not eligible for valedictorian or salutatorian honors.

*The principal will select students for these honors on the basis of the cumulative grade point average after the first semester of the senior year. The Valedictorian and Salutation will be announced at the start of the 4<sup>th</sup> quarter of their senior year.*

### WHS Awards Program and Recognition of Cum Laude Students

Each spring, students at WHS are recognized for achievements in and out of the classroom. Students who have achieved an excellent GPA (calculated after the fall semester of the senior year) will be designated by the following titles:

Summa cum laude: students who are in the top 5%

Magna cum laude: students who are in the top 6–9%

Cum laude: students are in the top 10%

*The principal will select students for these honors on the basis of the cumulative grade point average after the first semester of the senior year. Students in the top 10% select one student to speak at graduation (Excluding valedictorian and salutatorian).*

# Honor Diploma(s)

## High School Honors Diploma by the Ohio Department of Education

CRITERIA FOR ACADEMIC HONORS DIPLOMA: Students must choose one and meet the following criteria:

- 1) Successfully complete the high school curriculum.
- 2) Meet the graduation requirements.
- 3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - a. 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, & one other higher level course
  - b. 4 credits of Science including 2 credits of advanced science (inquiry based/lab courses)
  - c. 4 credits of Social Studies
  - d. 3 credits of one Foreign Language or two credits each of two languages\*, courses must be sequential
  - e. 1 credit of Fine Arts
  - f. Cumulative **unweighted** GPA of 3.5 on a 4.0 scale, through the first semester of senior year
  - g. A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)

\*Foreign language and Algebra taken in Grade 8 may count toward these criteria.

CRITERIA FOR CAREER TECHNICAL HONORS DIPLOMA: Students attending Career Technicals School may earn a Career Technical Honors Diploma by meeting the following criteria:

- 1) Successfully complete the high school curriculum.
- 2) Meet the graduation requirements.
- 3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - a. 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and one other higher level Course
  - b. 4 credits of Science including 2 credits of advanced science (inquiry based/lab courses)
  - c. 4 credits of Social Studies
  - d. 2 credits of one Foreign Language\*, courses must be sequential
  - e. 4 credits of Career–Technical courses
  - f. Cumulative **unweighted** GPA of 3.5 on a 4.0 scale, through the first semester of the senior year



- g. A composite score of at least 27 on the ACT, or at least 1280 on the SAT (writing sections not included), or score 6 or higher on the WorkKeys Reading and 6 or higher on the Applied Math
- h. Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- i. 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
- j. Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment
- k. Foreign Language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR STEM HONORS DIPLOMA:** Students must meet the following criteria:

- 1) Successfully complete the high school curriculum.
- 2) Meet the graduation requirements.
- 3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - a. 5 credits of Math, including Algebra I\*, Geometry, and Algebra II, and at least one other higher level course
  - b. 5 credits of Science including 2 credits of advanced science (inquiry based/lab courses)
  - c. 3 credits of Social Studies
  - d. 3 credits of one Foreign Language or two credits each of two languages\*, courses must be sequential
  - e. 1 credit of Fine Arts
  - f. Cumulative **unweighted** GPA of 3.5 on a 4.0 scale, through the first semester of senior year
  - g. A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)
  - h. 2 credits of courses with STEM focus
  - i. Complete a field experience and document the experience in a portfolio specific to the student's area of focus
  - j. 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

\*Foreign language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR ARTS HONORS DIPLOMA:** Students must meet the following criteria:

- 1) Successfully complete the high school curriculum.
- 2) Meet the graduation requirements.
- 3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - a. 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and one other higher level course
  - b. 3 credits of Science including 1 credit of advanced science (inquiry based/lab courses)

- c. 3 credits of Social Studies
- d. 3 credits of one Foreign Language or two credits each of two languages\*, courses must be sequential
- e. 4 credit of Fine Arts
- f. Cumulative **unweighted** GPA of 3.5 on a 4.0 scale, through the first semester of senior year
- g. A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)
- h. 2 elective credits of courses with Fine Arts focus
- i. Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- j. 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

\*Foreign language and Algebra taken in Grade 8 may count toward these criteria.

**CRITERIA FOR SOCIAL SCIENCE & CIVIC ENGAGEMENT HONORS DIPLOMA:** Students must meet the following criteria:

- 1) Successfully complete the high school curriculum.
- 2) Meet the graduation requirements.
- 3) Meet all but one of the following criteria, unless it is a minimum graduation requirement:
  - a. 4 credits of Math, including Algebra I\*, Geometry, and Algebra II, and at one other higher level course
  - b. 3 credits of Science including 1 credit of advanced science (inquiry based/lab courses)
  - c. 5 credits of Social Studies
  - d. 3 credits of one Foreign Language or two credits each of two languages\*, courses must be sequential
  - e. 1 credit of Fine Arts
  - f. Cumulative **unweighted** GPA of 3.5 on a 4.0 scale, through the first semester of senior year
  - g. A composite score of at least 27 on the ACT or at least 1280 on the SAT (writing sections not included)
  - h. 3 elective credits of courses with a Social Science focus
  - i. Complete a field experience and document the experience in a portfolio specific to the student's area of focus
  - j. Develop a comprehensive portfolio of work based on the student's field experience or a topic to the student's area of focus

\*Foreign language and Algebra taken in Grade 8 may count toward these criteria.

# Scheduling

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## Advanced Placement Courses

The Advanced Placement (AP) Program is a national program for college level courses and examinations for secondary school students. Over 90% of college and university Advanced Placement candidates are given college credit and or advanced placement when AP exams results are considered acceptable. There is a charge for each exam. The cost per exam is \$98. *Additional weighted credit is given for courses designated as AP. Students enrolled in AP courses are expected to take the AP Exam.*

## Honors Courses

Honors courses challenge the student to go beyond the content and work required in the college preparatory courses. These courses are exceptional preparation for students working toward a college or university career. These courses have specific requirements which are listed under course descriptions and are weighted. *Additional weighted credit is given for courses designated as Honors. The weight for Honors will be less than the weight for Advanced Placement Courses starting with the class of 2023.*

## Gifted Services

Gifted services will be provided in all courses according to each identified student's Written Education Plan.

## Special Education Services

Special Education services will be provided in all courses according to each identified student's Individual Education Plan.

## College Prep Courses

College prep courses are the standard high school courses that all students follow for core and elective credit. These also provide a well-balanced program for a wide variety of life pursuits.

## Integrated/Applied Classes

Courses designed for students who are on an Individualized Educational Plan. These courses may be given a grade of Pass/Fail.

## Credit Flexibility/Educational Option

The board recognizes that an effective educational program is one that provides opportunities for students to customize aspects of their learning around their respective needs and interests. Credit flexibility is one method to motivate and increase student learning by allowing access to more resources, customization around individual student needs and the use of multiple measures of learning. For identified gifted students, the Educational Option policy is another way of allowing this customization. A copy of both guidelines and application processes may be obtained in the high school office. Many students utilize the WCESC Virtual Academy for Credit Flex options.

### Summer School

Summer school is recommended for any student who fails a course that is required for graduation or who falls behind in the number of credits accumulated. All summer school work taken must be approved in advance by the principal or designee. WHS does not offer summer school courses. Most students utilize the WCESC Virtual Online Academy or TRECA for summer school.

### Credit Earned in Middle School

High school coursework completed in the middle school level will count toward minimum graduation requirements if:

1. The course is taught by a teacher that is licensed or certified for teaching the course in the high school
2. The course meets the high school curriculum requirements as designated by the Board of Education
3. All high school courses completed at the middle school for high school credit will count in the student's GPA and class rank.
4. All exams will count and follow the high school procedure of exams counting for a 20% separate grade for their final exam.
5. High school courses can not be dropped after 10 days of the beginning of the term.

### Repeating a Course

Students may request the option to repeat a previously taken WHS course if taken the following year at WHS after the original attempt. This option is pending on availability of seats in the classroom.

### Incompletes

Unless there are extenuating circumstances related to medical factors, all incompletes must be made up within 2 weeks after the end of the marking period or semester. Failure to do so will result in a zero for the assignments and a possible "F" in the course. THIS WILL BE ENFORCED.

### Report Cards

Report cards are issued at the end of each quarter, or nine week session. Letter grades are used to designate a pupil's progress. All student fees should be paid in full.

### Field Trips

Field trips are considered an extension of the classroom, consequently all school rules apply. No student may participate in any school-sponsored trip without written parental consent.

### Homework

The assignment of homework can be expected. Student grades will reflect the completion of all work, including outside assignments. Homework is also part of the student's preparation for state testing and graduation.

### Student Course Load

Each student is required to carry a minimum number of six courses each year, regardless of the number of credits already accumulated. In our 7 period day students are required to fill 6 periods. Students may have no more than 1 ACTIVE study hall per day. Study hall students are required to be engaged in learning throughout the entire period. Seniors may have senior option one, and one study hall, the rest must be courses.

### SENIOR OPTION 1

Seniors may arrive at WHS after the 1st period if enrolled in at least three out of the four content area courses offered, and carry 5 Carnegie units. Students must also maintain a 70% in all classes and no more than 5 unexcused tardies. Those that fail to meet this requirement will forfeit their senior option and report to school at normal time and attend study hall.

### Schedule Changes

Careful course planning on the part of the student and parent with your teachers and counselor should keep the number of students wishing to drop a course at a minimum number. Students must fill out a schedule change request form and return it with their parent's signature of permission. Schedule changes are only permitted the first week of classes. Courses dropped after the first 5 days for semester and year courses must be with parental and principal's approval and will result in an "F" on the permanent record.

### Early Graduation

Application for early graduation must be submitted to the principal **one semester prior to expected graduation date** unless approved by the principal. Students who elect to graduate early are still permitted to participate in graduation ceremonies with his/her designated class but are not considered for class rank honors.

### Gifted Services

Gifted services will be provided in Honors, Advanced Placement and College Credit Plus courses.

### Study Hall

Students will be engaged in learning for the entire period. Students wishing to be a student assistant for a teacher during their study hall period must have all paperwork completed within the first 10 days of the semester. \*Students must maintain an average of **80%** or better in all courses in order to be a student assistant. Not every period in the day will have a study hall available.

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## College Entrance Tests (ACT/SAT)

College entrance tests are given several times a year according to dates and test centers established by the testing company.

### ACT

The ACT is a national college admissions examination that consists of subject area tests in English, Mathematics, Reading and Science. It is recommended that students take the ACT for the first time during the Spring of Sophomore Year or Fall of Junior Year. The state of Ohio will pay for all 11th grade students to take the exam free of charge one time in the spring.

For More Information on Registration, Test Prep, Scores, College Planning, Financial Aid, Career Planning, Student Blogs and FAQs go to: [www.actstudent.org/index.html](http://www.actstudent.org/index.html)

### SAT

Which test should you take? SAT I–Reasoning Test or SAT Subject Test

All students should register for the SAT I first. If your future college requires you to take the SAT Subject Tests they will indicate so on their website. There are several SAT II tests you can register for. Each college and/or degree program determines the test for which you need to register.

**SAT Test**– The SAT has been redesigned to measure the most important skills, knowledge, and understandings; to be fair to all students; and to model what students are learning in the best high school classrooms. Because the SAT assesses the content that matters most for college and career readiness, SAT scores provide meaningful information about a student’s likelihood of succeeding in college. The new test design includes an Evidence–based Reading and Writing test and a Math Test. The Writing portion of the test is now optional. (Total testing time is 3 hours and an additional 50 minutes if the student registers for the optional Writing Test.)

**SCORING** – Total score will be given ranging from 400–1600 which will include the Reading/Writing Test score and the Math Test score. If the student takes the optional Writing portion there will be a score

ranging from 2–8 on each of three dimensions for the Essay. Essay results are reported separately from the combined score. There is no longer a deduction in scoring for incorrect or blank answers.

### College and Career Readiness (ACT or SAT) Scores

One of the pathways that students may use to meet the test requirement for graduation is a college and career readiness test. The two tests that meet this pathway are the ACT and SAT. Colleges and universities use the ACT and SAT to determine student readiness for the rigors of higher education. These institutions generally expect that students who earn "remediation-free" scores will be able to succeed in their college courses.

Students must earn "remediation-free" scores (or higher) in each of the three sub score areas, **two in English language arts and one in mathematics:**

- ACT – English 18, Reading 22, and Math 22
- SAT – Reading and Writing (EBRW) 480, Math 530

\*If students earn "remediation-free" scores they will then earn the College Ready Seal.

# Advanced Placement Program

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The College Board's Advanced Placement Program® (AP) enables students to pursue college level studies while still in high school. AP provides willing and academically prepared students with the opportunity to earn college credit, advanced placement or both. Taking AP courses also demonstrates to college admission officers that students have sought out the most rigorous coursework available to them.

Each AP course is modeled upon a comparable college course, and college and university faculty play a vital role in ensuring that AP courses align with college-level standards. Talented and dedicated AP teachers help AP students in classrooms around the world develop and apply the content knowledge and skills they will need later in college.

Each AP course concludes with a college-level assessment developed and scored by college and university faculty as well as experienced AP teachers. AP Exams are an essential part of the AP experience, enabling students to demonstrate their mastery of college-level course work. Most four-year colleges and universities in the United States and universities in more than 60 countries recognize AP in the admission process and grant students credit, placement, or both on the basis of successful AP Exam scores.

Performing well on an AP Exam means more than just the successful completion of a course; it is a gateway to success in college. Research consistently shows that students who receive a score of 3 or higher on AP Exams typically experience greater academic success in college and have higher graduation rates than their non-AP peers.

- Students learn rigorous college-level content and skills
- Taking AP is valued in the college admission process
- AP courses are interesting and rewarding academic experiences
- Opportunity to earn valuable credit and placement in college
- 85% of selective colleges and universities report that a student's AP experience favorably impacts admission decisions
- Colleges rank grades in college-preparatory courses and strength of curriculum as the two top factors in the admission decision
- AP courses tell college admission officials that students are challenging themselves and preparing for the rigors they'll encounter in their college careers
- Taking an AP course helps students build critical thinking skills, confidence, and the essential time management and study skills needed for college success
- Nationally, research shows that students who score a 3 or higher on an AP Exam typically earn higher grade point averages in college and have higher graduation rates than their non-AP peers.



# College Credit Plus (CCP)

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College Credit Plus (CCP) gives students the opportunity to take college courses for free and receive college credit as a High School student. All public school districts must allow college-ready students in grades 7–12 who qualify for college admission to have the opportunity to participate in this new program. *Additional weighted credit is given for courses designated as CCP as long as a weighted course is offered at WHS in the subject area.*

Wayne Local Schools are very proud to have partnered with Sinclair Community College and will be working together to offer the best opportunities for our students. Students are **NOT** required to select Sinclair Community College and can choose other post-secondary opportunities. It is the student's responsibility to complete all registration and application policies established at each university or college.

### *Important things to consider:*

- It is the student's responsibility to complete all registration and application policies established at each university or college.
- If a student is not successful in CCP or withdraws **AFTER** the CCP withdrawal date, the student/parent will be required to repay the cost of each course and textbooks.
- CCP courses are **REAL** college courses for **REAL** college credit; the grades will go on the student's permanent college record. Before enrolling, the student should make sure you are ready for the demanding work a college class will require, or it could hurt your chances at college acceptance at a later date.
- CCP students cannot take more than 30 college credit hours per academic year and not more than 120 college credit hours total.
- CCP students must maintain full-time status as a student as well as for sports eligibility. Each CCP student cannot exceed full-time status.
- Part-time CCP students must multiply each non-CCP course by a factor of 3 and subtract that from 30 to determine the number of CCP credits a student can earn that academic year.
- WHS offers a CCP Lab where students can take **ONLINE** CCP courses embedded within their schedule.

# Course Offerings

## ENGLISH

Each year, students have more choices for English Language Arts. Juniors can move from any course to any course, provided they are motivated and have met the required scores, grades, and requirements.

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
English 9 Honors English 9	English 10 Honors English 10	English 11 Honors English 11 AP Lang. and Comp. CCP English	English 12 CCP English AP Lang. and Comp. AP Lit. and Comp.

English 9 – Year Long, 1.0 credit, Fee: \$12.50

Students taking English 9 are exposed to a curriculum centered on grammar, literature, vocabulary, and writing. Types of writing include: narrative, expository, argument, and research. Course work is aligned with department and state standards, and instruction correlates to the levels of Bloom’s taxonomy. Literature is the driving force of College Prep English 9. Literary elements, vocabulary, and writing assignments will be derived from a variety of literature sources and/or student responses to literature.

Honors English 9 – Weighted Course, Fee: \$12.50

Students taking Honors English 9 are exposed to a challenging curriculum which will study the following at an accelerated pace: grammar, literature, vocabulary, and writing. The types of writing include: narrative, expository, argument, and research. Additionally, students will complete quarterly Independent Reading Projects as part of their accelerated curriculum. Students will have more rigorous expectations regarding behavior, academics, organization, punctuality, etc. than in a non honors course to help prepare them for upper level honors, AP, and CCP courses. Course work is aligned with department and state standards, and instruction correlates to the levels of Bloom’s taxonomy. Literature is the driving force of Honors English 9. Literary elements, vocabulary and writing assignments will be derived from a variety of literature sources and/or student analysis of literature. This course is considered a prerequisite for Honors English 10.

**Prerequisites:** 90% or higher average in Eighth Grade English

English 10 – Fee: \$11.50

English 10 emphasizes reviewing and extending content and skills developed in previous English courses while preparing students for the kind of critical thinking, written and verbal expression, and reading strategies that are continued in later years. Students will compose narrative, expository, argument, and research works. This course is designed to help prepare students for the ACT in English and Writing, and the End of Course (EOC) exam required as a pathway for graduation.

Honors English 10 – *Weighted Course, Fee: \$11.50*

This course is designed to meet the same objectives as the College Prep course but utilizes more challenging writing assignments and reading materials in order to cover content and skills in greater depth. Expectations for this course are considerably higher in evaluation as well as student productivity and class participation. Students will compose narrative, expository, argument, and research works. This course is designed to help prepare students for the ACT in English and Writing and the End of Course (EOC) exam, which is required as a pathway for graduation.

**Prerequisites:** 90% or higher average in Honors English 9, Student desire for challenging work and parent support

English 11 – *Fee: \$5.00*

English 11 is a college-prep course designed to address the writing, reading, listening, and speaking skills of every student. There will be some online assignments and assessments throughout the year. After regular practice, students will compile a portfolio showing their progress throughout the semester. This class will also provide frequent vocabulary exercises, ACT and SAT test prep, and leadership opportunities.

Honors English 11 – *Weighted Course, Fee: \$5.00*

This course is designed to challenge college-bound juniors; students taking this should make a commitment to preparation outside of class and participation in class discussions. Expect to work primarily on developing literary analysis skills, both in discussions and frequent writing exercises. Readings will mostly stem from nineteenth and twentieth century authors, covering a variety of genres. This class will also dedicate time toward vocabulary and ACT/SAT preparation and improvement. Honors English 11 provides a strong foundation for students planning to take Advanced Placement English Literature and Composition or Advanced Placement Language and Composition.

**Prerequisites:** “B” or higher average in Sophomore Honors English course and/or “A” average in College Prep English 11, PSAT or ACT scores indicate readiness, Sophomore or Junior English teacher recommendation, student desire for challenging work.

Advanced Placement English Language and Composition – *Weighted Course, for Grade 11 or 12, Fee: The AP Exam cost is \$98.00*

This is a rigorous, college level course that includes intensive study of prose (e.g., biographies and autobiographies, fiction, essays, journalism, social and political writing, science and nature writing) across a wide range of periods and rhetorical contexts. Students become skilled at writing for a variety of purposes, audiences, and rhetorical contexts. This course prepares the student for the Advanced Placement test in Language and Composition.

In May students will take the College Board Exam to determine college level achievement. The results of the exam are reported to the student’s college of choice, as participating colleges and universities then recognize qualifying rank on the test by granting credit and/or placing the student into more advanced

courses. It is strongly recommended that the student taking this course shall have completed Honors English 10 or Honors English 11 prior to this class.

**Note:** All incoming AP students must fulfill the summer reading and writing assignments throughout the summer.

**Prerequisites:** 90% or higher average in Honors English 10 or Honors English 11, desire for challenging work / parent support

### English 12 –

This college preparatory course focuses on the skills needed to become successful readers and writers. Designed for college- and career-bound students, a wide variety of rhetorical readings and writings will be explored, using professional and student models for study. Reading genres range from short fiction and the epic to nonfiction and opinion. Writing genres include any/all of the following: process, cause and effect, comparison-contrast, classification-division, definition, argumentation, research, opinion/persuasion, speech-debate, personal experience, critical analysis and the creative. Vocabulary, grammar/usage, and mechanics are also embedded within each unit of study. The class will also have the option to partner with the United Way of Warren County to offer in class speakers from local companies as well as tours.

Advanced Placement English Literature and Composition – *Weighted Course, Grade 12, Fee: The AP Exam cost is \$98.00*

This is a rigorous, college-level course designed for interested and competent senior students. This course is an in-depth study of world literature, arranged by genre. Students will be responsible for reading novels, plays, and poetry. Writings will demonstrate an understanding of literature, an ability to generate original ideas about literature, and an ability to critically interpret and evaluate literary works.

In May, students will take the College Board Exam to determine college level achievement. The results of the exam are reported to the student's college of choice, as participating colleges and universities then recognize qualifying rank on the test by granting credit and/or placing the student into more advanced courses. It is strongly recommended that the student taking this class shall have completed Honors British Literature or Advanced Placement Language prior to this class.

**Prerequisites:** Teacher recommendation, Summer Assignment, Student desire for challenging work / Parent support

## English Electives

These courses do NOT count towards English graduation requirements

### Classic Film and Television – Semester Course, Grades 10–12

This course will cover a variety of genres in early film and television, as well as the basics of cinematography. We'll explore the chronological history of film and television, from silent movies and talkies to black/white and technicolor. Expect to analyze not just the films and shows themselves, but also their historical context.

### Writing Center Tutors – Semester Course, Grades 11–12

For strong writers seeking to conference student papers, assess practice EOC essays, and more. Applications, writing samples, and interviews are due to Mrs. Polzinetti in mid-April with selection in early May. A required one-week summer workshop for training the incoming Writing Center Tutors is held in early to mid-August. Students must allow one period per semester to fulfill this duty. Ideally, tutors will be available both semesters.

**Note:** Students may only enroll for this class for 2 periods each semester if they have NO study halls. Students cannot exceed a total of 2 periods when taking both Writing Center and Supportive Peers.

### Comedy, Humor, and Satire, Semester Course – Grades 11–12

What is considered funny and why do we laugh? How is humor crafted across different mediums—literature, movies, magazines, television/cinema, social networks, etc.? Further, by dissecting different types of humor, what can we learn about ourselves and society? The course will incorporate a historical perspective of specific periods and cultures and provide a wide comedic sampling in order to reflect on various types of humor: satire, farce, slapstick, parody, screwball, etc. This course is designed to make you laugh, understand why you are laughing, and even help you fine tune your comedic skills—someone has to be the life of the party!

## MATHEMATICS

	College Prep	Honors
8 <sup>th</sup>		Advanced Algebra
9 <sup>th</sup>	Algebra	Honors Geometry
10 <sup>th</sup>	Geometry	Honors Algebra 2
11 <sup>th</sup>	Algebra 2 or Mathematical Modeling and Reasoning or Data Science	Honors Pre-Calculus and Trig
12 <sup>th</sup>	Algebra 2 or Mathematical Modeling and Reasoning or Data Science or Pre-Calculus	AP Calculus or AP Statistics

Advanced Algebra (JH) – *This course is NOT weighted.*

This is the accelerated Algebra I course. It covers the same topics as Algebra I, but at a faster pace and in more depth. It is only open only to 8th graders. This course is designed to help prepare students for the End of Course (EOC) exam required for a pathway for graduation.

**Note:** A scientific calculator is required; the TI-30xiis is preferred.

**Prerequisites:** 90% or higher average in 7th Grade Advanced Math or by teacher recommendation, score of 85% or higher on the Iowa Algebra Readiness assessment. Student desire for challenging work is highly encouraged.

Algebra –

Algebra I is an essential course. It consists of the study of algebraic operations, sets, equations, inequalities, formulas, factoring, powers, and roots, systems of linear equations and inequalities, and quadratic equations. Algebra I is the introductory mathematics course at the high school level. This course is designed to help prepare students for the Algebra End of Course (EOC) exam required for a pathway for graduation.

**Note:** A scientific calculator is required; the TI-30xiis is preferred.

Geometry – Fee \$15.00

This course highlights geometric figures, logic, and proof, applications of lines, coordinate geometry, areas, ratio, proportion, constructions, and trigonometry. This course is designed to help prepare students for the Geometry End of Course (EOC) exam required for a pathway for graduation.

**Note:** A graphing calculator (TI-83 or 84) is recommended, **Prerequisite:** Algebra I however a scientific calculator (TI – 30X) will suffice.

Honors Geometry – *Weighted Course, Fee: \$15.00*

This is the accelerated geometry course. Students enrolling must have successfully completed the Advanced Algebra MS course. Topics include: congruence, similarity, right triangles and trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, and statistics and probability. Emphasis is on problem solving, proof, and developing higher level thinking skills. This course is designed to help prepare students for the Geometry End of Course (EOC) exam.

**Note:** A scientific calculator is required; the TI-30xiis is preferred. **Prerequisites:** 90% or higher average in Advanced Algebra or teacher recommendation. Student desire for challenging work / Parent support and a 4 or 5 on the Algebra End of Course Exam

Algebra II – Fee \$15.00

Algebra II consists of a more intensive study of the topics from Algebra I along with more advanced concepts. Some of these concepts include imaginary numbers, conic sections, quadratic equations, systems of linear and nonlinear equations, polynomials, rational expressions, trigonometry, exponential functions, sequences and series, and topics covered on the ACT.

**Note:** A scientific calculator is required; the TI-30xiis is preferred. **Prerequisite:** Algebra I and Geometry

Honors Algebra II – *Weighted Course, Fee: \$15.00*

This is the accelerated Algebra II course. Most of the topics are the same as those found in Algebra II, but are covered more rapidly and in greater depth. Emphasis is on problem solving and developing higher level thinking skills.

**Note:** A graphing calculator (TI-84) is required. **Prerequisite:** 90% or higher average in Honors Geometry, student desire for challenging work and parent support

Pre-Calculus –

This course is designed for students who intend to prepare for the ACT and attend a 4-year university where College Algebra and/or Calculus will be required. Topics to be investigated include polynomial and rational functions, trigonometry, statistics, probability, logarithms, conic sections, matrices, sequences and series, and function transformations.

**Note:** A scientific calculator is required; the TI-30xiis preferred. **Prerequisite:** 80% or higher in Algebra II

### Honors Precalculus – *Weighted Course*

This is the accelerated Pre-Calculus course. Most of the topics are the same as those found in Pre-Calculus but are covered more rapidly and in greater depth. Additional topics to be covered include vectors, parametric equations, and polar coordinates and equations. Emphasis is on advanced trigonometry, problem solving, developing higher level thinking skills, and preparation for AP Calculus.

**Note:** A graphing calculator (TI-84) is required.      **Prerequisite:** 90% or higher average in Honors Algebra II or teacher recommendation, Student desire for challenging work/Parent support

### Advanced Placement Calculus AB– *Weighted Course, Fee: The cost of the AP exam is \$98.00*

This course is for accelerated mathematics students who have followed the honors math curriculum and will be taking upper-level mathematics courses in college. AP Calculus AB covers the same content as college-level first semester calculus. It is centered on the three main topics of limits, derivatives, and integrals. The goal of the course is that students will take the Advanced Placement Calculus AB Examination to earn college credit.

**Note:** A graphing calculator (TI- 84) is required.      **Prerequisite:** 90% or higher average in Honors Pre-Calculus or teacher recommendation, completion of summer assignment

### AP Statistics – *Weighted course, The cost of the AP exam is \$98.00*

In this course students will develop analytical and critical thinking skills by learning to describe data patterns and plan and conduct studies. Students will use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences. The goal of the course is that students will take the Advanced Placement Statistics Examination to earn college credit.

**Note:** A graphing calculator (TI- 84) is required.      **Prerequisite:** 85% in Algebra II or Pre-Calculus, completion of summer assignment

### Data Science Foundations *Fee: \$15*

Data Science Foundations is beneficial for students who need a third or fourth credit in mathematics and are not intending to pursue a career that requires calculus. The course covers topics such as describing big data, interpreting and displaying data, probabilities and inferential statistics, usability and usefulness of data, structured vs unstructured data, data extraction techniques, data storage, privacy and ethical issues with data, and data mining. This is an Algebra II equivalency course.



**Prerequisite:** Algebra I and Geometry

**Note:** A scientific calculator is required; the TI-30xiis is preferred.

**Mathematical Modeling and Reasoning** *Fee: \$15*

MMR is beneficial for students who need a third or fourth credit in mathematics and are not intending to pursue a career that requires calculus. This course is designed to promote reasoning, problem-solving, and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. The course is taught using a project-based learning pedagogy. This is an Algebra II equivalency course.

**Prerequisite:** Algebra I and Geometry

**Note:** A scientific calculator is required; the TI-30xiis is preferred.

## SCIENCE

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
Physical Science Honors Biology I	Biology I Honors Biology II Honors Chemistry	Chemistry Honors Chemistry AP Biology AP Chemistry	Anatomy Physics AP Biology AP Chemistry

### Physical Science – Year Course, 1.0 credit, Fee: \$24.00

Physical Science is an introduction to basic concepts of chemistry and physics. Topics include the scientific method, measurement, forces and motion, Energy and waves, classification of matter, atoms and the periodic table of elements, chemical bonds, and chemical and nuclear reactions. Lab experiments and demonstrations will reinforce concepts. The course will help students become informed citizens, and to prepare for science studies at higher levels.

### Biology I – Year Course, 1.0 credit, Fee: \$23.00

Biology I is a course in life science. Areas of study include: ecology, structure, function, reproduction of the cell, photosynthesis and cellular respiration, homeostasis, heredity, changes through time and classification. Related labs, research, hands-on activities, and scientific methodologies are an important part of this class. This course utilizes Google Classroom and other online resources. During labs, microscopes and gel electrophoresis equipment are used. This course is designed to help prepare students for the End of Course (EOC) exam required for a pathway for graduation.

### Honors Biology I – Year Course Weighted Course, Year Course, 1.0 credit, Fee: \$25.00

This course is limited to advanced freshmen who have a solid B or higher in their current science course. Students accepted into this class must be recommended by their current science teacher. The students will cover in-depth treatment of biological concepts and processes as indicated in the regular Biology I course offering. This course utilizes Google Classroom and other online resources. During labs, microscopes and gel electrophoresis equipment are used. This course is designed to help prepare students for the End of Course (EOC) exam required for a pathway for graduation.

**Note:** Teacher recommendation (teacher signature) required. **Prerequisite:** 85% or higher average in Eighth Grade Science or Physical Science, student desire for challenging work / Parent support

### Chemistry – Year Course, 1.0 credit, Fee: \$23.00

Chemistry is a survey course of the behavior of the elements. Areas of study will include atomic structure, stoichiometry, gas laws, solutions and their properties, chemical reactions. Students will participate in labs, research, and presentations. Scientific methodologies and proper laboratory techniques will be emphasized. A good background in math would be beneficial.

**Prerequisite:** Biology I, Algebra I and Geometry

Honors Biology II – Year Course, 1.0 credit, Fee: \$38.00

This is an interdisciplinary course, combining concepts from zoology (the study of animals), microbiology (study of bacteria, viruses and diseases), botany (study of plants), and ecology (the study of ecosystems). There is a heavy emphasis on hands-on study of life things through observation of living specimens, laboratory experiences and dissection. This course is a rare opportunity for high school students to take a science course in the most natural classroom of all, the great outdoors. Extensive field and laboratory research experience on the Little Miami river ecosystem is a significant part of this course. This is an excellent choice for a student interested in a medical, veterinary, biology, engineering or science career. Proper research techniques, data collection, and analysis are stressed.

**Note:** This course can be used to meet the requirements for an Honors Diploma

**Prerequisite:** 85% or higher average in Honors Biology I, Summer Assignment Completed, Student desire for challenging work / Parent support, teacher recommendation required.

Honors Chemistry – Weighted Course, Year Course, 1.0 credit, Fee: \$23.00

This course is limited to advanced juniors who have a solid B or higher in their current science class. Students accepted into this science class must be recommended by their current science teacher. The course will cover all of the concepts in Chemistry I, including dimensional analysis, mole concept, modern atomic theory, bonding, thermodynamics, solution chemistry and oxidation-reduction. Historical and practical aspects of chemistry are also included as well as laboratory techniques.

**Note:** This course can be used to meet the requirements for an Honors Diploma

**Prerequisite:** 85% or higher average in previous 2 science courses, student desire for challenging work, Parent support, teacher recommendation required.

Human Anatomy and Physiology – Year Course, 1.0 credit, Fee: \$36.00

This course is open to students who have completed Biology I with a grade of "C" or better. It is designed to give the student a good background in the structure and function of the human body. The course is taught so those students may learn not only body parts and functions, but also the chemistry which regulates them. Students who are especially interested in the fields of biology Wildlife science, medicine, nursing, medical technology, sports medicine, and other health careers will find human Anatomy and Physiology especially helpful. \* This course can be used to meet the requirements for an Honors Diploma.

**Note:** THIS COURSE IS NOT WEIGHTED. **Prerequisite:** Chemistry is recommended

Physics – Year Course, 1.0 credit, Fee: \$23.00

Physics is the study of matter, forces, motion, energy, waves (sound and light), electricity, and magnetism. Students will do a variety of experiments and observations, and will learn to describe and interpret physical events using diagrams and mathematical equations. Students will practice problem solving, will learn more advanced explanations of the science of everyday life, and will learn how knowledge of physics can result in useful applications of technology.

**Note:** THIS COURSE IS NOT WEIGHTED. This course can be used to meet the requirements for an Honors Diploma

**Prerequisite:** Algebra 1, Geometry, and Algebra II

AP Chemistry – Weighted Course, Double block year-long course, 2.0 credit, Fee: \$45.00 and AP Exam cost of \$98.00

AP Chemistry is equivalent to a first year college chemistry class for science majors. It builds on the topics taught in Chemistry I. It also includes the topics of equilibrium, kinetics, thermochemistry and electrochemistry. This course uses a college level textbook and requires a summer assignment. This is a rigorous and fast-paced course, designed for students interested in careers in medicine, engineering or science. The double block schedule allows for more thorough completion of the required lab work which emphasizes inquiry based learning and experimental design skills.

**Note:** This course can be used to meet the requirements for an Honors Diploma. Teacher recommendation required.

**Prerequisite:** 85% or higher average in Honors Chemistry, Summer Assignment Completed /Student desire for challenging work, parent support. Must be in Pre-Calculus or higher concurrently.

AP Biology – Weighted Course, Double block year-long course, 2.0 credit, Fee: \$58.00 and AP Exam cost of \$98.00

AP Biology is intended to provide a rigorous college-level biology course with laboratory activities for highly-motivated high school students. The course is designed to be the equivalent to the college introductory biology course taken by *biology majors* during their first year. A score of a 3 or higher on the AP exam at the end of the year will allow students to earn 4 to 8 semester hours of college credit depending on their score and college. This course prepares students well for college and helps them leave high school ready to succeed by strengthening their statistical analysis and experimental design skills. The double-block yearlong format provides time for a heavy emphasis on labs and students designing their own labs. Students interested in pursuing a career in biological sciences, the healthcare profession (medicine/nursing), engineering or any science field would especially benefit from taking this course.

**Note:** This course can be used to meet the requirements for an Honors Diploma

**Prerequisite:** 85% or higher average in Honors Chemistry, Summer Assignment completed, student desire for challenging work, parent support. Teacher recommendation required.

## *Science Electives*

\*These courses do NOT count towards Science graduation requirements

Marine Biology – Semester Course,  $\frac{1}{2}$  credit, Fee: TBD

Students will have the exciting opportunity to attend a week long adventure of learning, discovery, and exploration on Andros Island in the Bahamas. This course will provide an introduction to the flora and fauna of tropical ecosystems including rocky and sandy shorelines, barrier and patch reefs, turtle grass beds, mangrove swamps, and other habitats unique to Andros Island in the Bahamas. An introduction to the geology of the Bahamas and coral reefs will be covered. Students are required to attend five Sunday classes prior to the week trip to gain background knowledge on the amazing places we visit.

**Prerequisite:** 3.3 GPA, Submit application and Instructor approval, Biology I, Able to swim, pay for the cost of the trip

*\*This trip usually occurs every other year. Next Scheduled trip—Spring of 2024*

## SOCIAL STUDIES

<u>9th</u>	<u>10th</u>	<u>11th</u>	<u>12th</u>
World History Honors World History	American History AP US History	Government (SEM) AP Government/Politics Psychology (SEM) Any from 12th grade column	AP European History Sociology/Psychology History of American Sports Contemp. World Issues

### World History – No Fee

World History is a year-long freshmen level course that is required for graduation. This course is a study of world history and geography and is set up to give students an understanding of historical events that have shaped the world and the United States.

### Honors World History – Honors Weighted Course, No Fee

Honors World History is a year-long freshmen level course option. This course is designed to study world history and geography at a higher level of understanding and complexity. In addition, students will be introduced to requirements and study skills needed to perform well in future Advanced Placement courses in social studies and other content areas.

**Prerequisites:** 90% or higher average in Advanced 8<sup>th</sup> Grade American History, student desire for challenging work / parent support

### American History – Fee: \$10

This sophomore level course covers U.S. History and its interactions with other countries of the world from Reconstruction (late 1800s) to present time. Some of the major concepts and ideas that are covered include: Reconstruction after the Civil War, Industrialization, Progressivism, and Imperialism, 20<sup>th</sup> Century events, developments and conflicts. Students will also be introduced to some of the basic concepts of Economics, Geography, and Government. This course is designed to help prepare students for the End of Course (EOC) exam required for a pathway for graduation.

Advanced Placement U.S. History—*AP Weighted Course, Fee: \$98*

The Advanced Placement 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. The Advanced Placement examination is offered in May for potential college credit.

**Prerequisites:** 90% or higher average in 9<sup>th</sup> Grade Social Studies Class, student desire for challenging work, parent support

Advanced Placement Government and Politics – *AP Weighted Course, Fee: \$98*

AP Government and Politics is a year-long course that is designed to be a college level course exploring the political theory and everyday practice that direct the daily operation of the U.S. government and shape our public policies. It will also provide the students with an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and analysis of specific examples. The express purpose of this course is to prepare students to take the AP Exam for U.S. Government and Politics. **Test Fee: \$96**

Advanced Placement European History—*AP Weighted Course, Fee: \$98*

The Advanced Placement Program in European History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in European 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. The Advanced Placement examination is offered in May for potential college credit.

**Prerequisites:** 90% or higher average in 9<sup>th</sup> Grade Social Studies Class, student desire for challenging work, parent support

**Note:** This course can be used to meet the requirements for an Honors Diploma.

American Government – *Semester Course, ½ credit, No Fee*

American Government is a semester course that is designed as an introduction to the basic concepts of American government, the American political process and the rights and responsibilities of citizenship. The course is designed to meet the state standards in social studies in the area of government and is a required course for graduation. Additionally, this course serves to create more informed citizens in order to prepare them to be an actively involved citizen. Satisfactory completion of the course will prepare students to take the Ohio End of Course (EOC) Exam required for a pathway for graduation.

Psychology – Semester Course, ½ credit, No Fee

This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications. Special topics include personality development, problem-solving, group dynamics, and motivation. The main purpose of this course is to provide information and experience concerning *individual behavior*, and as a result the student potentially gains self-understanding and improved functioning in this social world.

Sociology – Semester Course, ½ credit, No Fee

What is the impact of relating to other people on your behavior? This course will answer this question through the study of human social groups. Topics include: how society shapes the behavior of its members, conformity, deviance, values, roles, relationships, the organization of society, culture, communication, and various current social problems such as racism, male/female relations and teen suicide. The main purpose of this course is to provide information and experience concerning *group behavior*, and as a result the student potentially gains self-understanding and improved functioning in this social world.

Contemporary World Issues – Semester Course, ½ credit, No Fee

A one semester elective open to all high school students. This is a discussion-based class that addresses current global and regional issues, which may include political, economic, social, historic or geographic components.

The History of American Sports – Semester Course, ½ credit, No Fee

A semester course that will focus on the significance of sport in American History. Along with focusing on Sports, individuals, and teams from American History, we will also focus on the impact of themes that impacted the development of American sports such as immigration, urbanization, and other social issues.



**STUDIO ARTS**  
*Fine Art Elective Credit*

<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Art I *	Art 1*	Art 1*	Art 1*
Drawing/Painting Sculpture/Ceramics	Drawing/Painting Sculpture/Ceramics	Drawing/Painting Sculpture/Ceramics Advanced Art	Drawing/Painting Sculpture/Ceramics Advanced Art or AP ART

**DIGITAL MEDIA ART**

<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
Photo I*, II Design I*, II Yearbook	Photo I*, II Yearbook Design I, II Digital Illustration	Photo I*, II, III Yearbook Design I*, II Digital Illustrations	Photo I*, II, III Yearbook Design I*, II Digital Illustration

\* Indicates no prerequisite course needed

\*\*Reminder—one fine art credit (two semester courses) is required for all students.

**Art I** – Semester Course, 1/2 credit

This class will give students an understanding of the elements of art and principles of design. Students will gain studio experiences in a variety of 2D and 3D media. Students will engage in activities which will develop critical analysis and art appreciation skills. An overview of art history, focusing on the Western traditions of art will give students an understanding of art in our culture. This foundational class is a prerequisite for any other art class and is open to all grade levels. This class replaces Intro to Art. Fee: \$20.00 No prerequisite.

**Drawing and Painting (2D)** – Semester Course, 1/2 credit, Fee \$25.00

Drawing and Painting is an art elective, which focuses on technical drawing skills, painting techniques, and the application of design principles. A variety of wet, dry and mixed media will be explored such as pencil, charcoal and watercolor and acrylic paint. This class may be taken more than once.

**Prerequisite:** Art I

**Sculpture and Ceramics (3D)** – Semester Course, 1/2 credit, Fee: \$30.00

Sculpture and Ceramics introduces students to form, function and 3D design using a variety of media, though clay will be the primary focus. Students will use pottery wheels, hand building techniques, and molds to create functional and decorative pottery and sculpture. This class may be taken more than once. Possible field trip with additional fees – Optional. **Prerequisite:** Art I

Advanced Art – Semester Course, 1/2 credit, Not Weighted, Fee \$30.00

This course is designed for the serious art student who has taken at least two years (equating to 4 + classes) of art and is committed to developing an artistic voice through creative visual problem solving. The creative process and concept development will be the focus of this class. Students are required to maintain a sketchbook and should be able to work independently. The class will balance open-ended problems requiring media choices with teacher-directed instruction. Advanced Art may be taken more than once and is recommended as a lead to Advanced Placement (AP) Art. Advanced Art can be digital, studio, or photography based.

**Prerequisite:** 2 years of studio art including Art 1

Advanced Placement Studio Art – Year Course, Weighted Course\*, Fee: \$60.00 and cost of AP Exam \$98.00

AP Studio which follows the AP Studio Art curriculum as described by the College Board. Students are required to assemble an art portfolio of slides and original works in drawing, 2D design, or 3D. AP portfolios can be created in all areas of art, including, but not limited to: Photography, Drawing, Painting, Graphic Design, Sculpture, and Ceramics. Included in the portfolio are three major sections:

- 1) Quality: works which show a strong sense of concept, composition, and technical skills.
- 2) Concentration: a body of work based upon a student's area of interest.
- 3) Outside class assignments and time will be necessary to successfully complete the class.

\*If a student drops this course at the end of the first semester, they will not receive a weighted grade.

**Prerequisite:** 2 years of studio art including Art 1, Instructor's approval, completion of summer assignment

Yearbook – Year Course Grade: 9–12, Fee: None

Students in Yearbook class will be responsible for all aspects of the Spartan yearbook. The course provides a real-world experience for students interested in design, business, journalism, and photography. From developing a theme to sending work to our publishing plant, students will work with a selected team of peers to create a final product for the community to enjoy for many years. As a staff member, students will devote their time to gaining proficiency with design software, applying layout & design principles, digital photography, advertising sales, marketing strategies, writing journalistic copy, and learning the rights and responsibilities of journalists. Students should have a desire for challenging, self-driven work.

**Note:** Teacher Signature Required

**Photography I** – Semester Course, 1/2 credit, Grades: 9–12, Fee: \$35

Students in Photography will explore the professional and artistic aspects of image making. Students will gain experience using photo editing software to manipulate and enhance images, as well as learn about the historical and theoretical contexts of the medium, handling, proper exposure, lighting techniques, and composition will be investigated and applied. Communication through images will be class critiques where students will learn how to articulate and share ideas. Previous photo experience is not required in Photography. Students need to have access to a digital camera or a cell phone/camera.

**Photography II** – Semester Course, 1/2 credit, Grades: 9–12, Fee: \$35

Photography II is for students who want to explore the photographic and refine their image making practices in both digital and analog. The analog process will allow them to understand the manual use of a camera in the dark room which will utilize instruction to create well rounded final images. This course, students will develop their own self-directed style and portfolio. At the end of the semester students will have a presentable body of work to take with them in both paper and digital form. Will use discussion and thematic imaging to refine their creative process. Full class critiques are designed to prepare for future photo/design degrees and will be placed on applying to local and national exhibitions. Students in Photography II need to have access to a digital camera or a cell phone/camera.

**Prerequisite:** Photo I

**Graphic Design I** – Semester Course, 1/2 credit, Grades: 9–12, Fee: \$20

Graphic Design I has the primary objective of introducing students to using creative software in our state-of-the-art Mac laboratory. Students will have the opportunity to learn and explore Photoshop and Illustrator in the Adobe Creative Suite 5. As a result of this course, students will have an understanding of various means to produce graphic art and gain career driven experience in the field of Graphic Design. Students will also be exposed to innovative artists in the field, learn the steps of design criticism in the form of critiques and will have an understanding of how “real-world” designers produce work along with potential job opportunities. Graphic art experience is not required.

**Graphic Design II** – Semester Course, 1/2 credit, Grades: 10–12, Fee: \$20

Graphic Design II is designed for students who have successfully completed Graphic Design I and are interested in developing their design skills further. Students will continue to explore Adobe Creative Suite 5 (Photoshop, Illustrator) in greater depth based on their individual interests, working closely with the teacher to create a unique plan for each student. Students will create graphic art in a self-directed environment where they will be held to rigorous standards. Quality work for student portfolios is expected. Students will be required to publish online portfolios of their work and regularly critique each other as they progress in their skills. Students will write project proposals and be expected to execute and solve visual problems through independent research. Students will be exposed to specific career opportunities in the design field (advertising, environmental design, packaging, branding). An emphasis in writing art criticism and discussing works of art will be more thoroughly developed.

**Prerequisite:** Graphic Design 1

Digital Illustration – Fee: \$20

Digital Illustration is designed for students who are interested in Illustration & Animation as a future career choice. This class will be an expansion on the knowledge and skills learned in Graphic Design 1 & 2 that will primarily focus on character design, storytelling and scene development. This course is built specifically for students who love bringing characters to life in 2D, 3D and on screen.

**Prerequisite:** Graphic Design 1 & 2D Art

**PERFORMING ARTS**

*Fine Art Elective Credit*

**Theater 1**– Semester Course, 1/2 credit, Fee: \$5.00

This is an intro course that covers many different areas of theatre, including acting, playwriting, technical theatre (props, sets, costumes, etc.), improv and more! This is a great first step in WHS Theatre since you'll experience lots of different topics.

**Theater 2**– Semester Course, 1/2 credit, Fee: \$5.00

This class continues where Theatre 1 left off and goes more in-depth. Students choose from a variety of theatre related projects (from acting to technical theatre) and then begin the process of completing them.

Theater 2 may be repeated.

**Prerequisite:** Theater 1 or teacher recommendation

**MUSIC**

*Fine Art Elective Credit*

**Band (Marching and Concert)** – Year course, 1.0 credit, Fee: \$30.00

Students involved in the band have the opportunity to participate in the two primary large ensembles, Concert Band and Marching Band. Opportunities are also available for music enrichment through individual and small ensemble activities involving all types of music. The band performs for several school functions, various civic activities, and also participates in a number of individual and group competitive music festivals. The primary goal of band participation is to give students as wide a variety of music educational experiences as possible.

Choir – Year course, 1.0 credit, Fee: \$5.00

This course offers an entrance to the exciting world of choral singing. Vocal exercises, breathing exercises, and proper vocal placement are taught as a way for the individual to improve the sound quality, range, and expressiveness of the voice. Choral balance and blend are emphasized through ensemble study in daily rehearsals. Basic music theory and solfege are introduced to help the student understand and perform the written format of music. A variety of forms, styles, and uses of music are explored as the students prepare for 4 performances. Choral students are also eligible to participate in honor's festivals. No prior singing experience is needed to participate (however prior experience is helpful). Students with no previous choral singing experience might need to undergo some remediation in the first quarter. Grading is based on daily rehearsals, individual performance assessments, and concert performances.

Band and Concert Choir – Year course, 1.0 credit, *Fee: \$30.00*

Being active as both an instrumentalist and a vocalist will expand the student's knowledge of music, improve his or her musicianship and provide varied performance opportunities. Generally, students attend band three days a week and choir two days each week. Students who wish to participate in both ensembles will be responsible for the course requirements listed by each group.

Steel Band – *1st semester – 1/2 credit, Fee: \$5.00*

Explore the music whose roots began in Trinidad and Tobago! Steel Drum Band Students will be given the history of 'pan' (steel drums), including its pedagogical development. The participants will learn the basic techniques of playing the pan on state-of-the-art instruments. Music that will be addressed will include Calypso, Soca, Cha Cha, Samba, along with other styles from Classical to Jazz. Proper care and maintenance of the instruments will also be discussed. Prior music knowledge is helpful, but not mandatory! Students will learn how to play instruments by rote and by reading notation. Due to the limited number of instruments, the class size is limited to 15 students.

Spartan Steel, 2<sup>nd</sup> sem. extra-curricular band will be available to those who are unable to take the course.

Jazz Band – *2nd semester – 1/2 credit, Fee: \$5.00*

Students in Jazz Band will discover the history of this uniquely American music tradition, from its beginnings in New Orleans at the turn of the 20<sup>th</sup> century through modern ensembles of today. This performance-based class will teach proper jazz techniques and play a variety of jazz styles. Students will be encouraged to help each other learn to improvise in a supportive atmosphere.

Traditional instrumentation for Jazz ensembles include all saxophones (alto, tenor and baritone), trumpet, trombone, guitar, bass guitar, piano and drum set. However, students who play other instruments are welcome to join the class! Jazz Band will also meet as a 2<sup>nd</sup> semester extra-curricular group for those who are unable to take the course.

Modern Band– Semester course, 0.5 credit, Fee: \$5.00

In this class students will learn to play and sing, perform, improvise and compose using the popular styles that they know (and don't know) and love (and might come to love) including rock, pop, reggae, hip hop, country and other modern styles. Modern Band class features guitar, bass, keyboard, drums, vocals, and technology. Think of the movie School of Rock! No prior experience is necessary to be successful in this class, just a desire to ROCK!!!!

Modern band may be repeated. This course has limited seats.

Music History I: A History of Western Classical Music , semester, (1/2 credit) *On Rotation*

This class will cover the following musical time periods: Medieval, Renaissance, Baroque, Classical, Romantic, and 20th Century. Students will learn about the famous composers and musical styles from each of these time periods and how they fit into the greater scheme of history in general. This class is writing and reading intensive. Students will also be required to listen and identify some of the greatest masterworks ever composed.

Music History II: A History of 20th Century Popular Music and Rock and Roll (semester, 1/2 credit) *On Rotation*

This class will discuss and cover the evolution of popular music and rock and roll from the 20th Century through today. Students will learn about musicals, blues, jazz, bluegrass, folk music and rock and roll. This class is writing and reading intensive. Students will be required to listen and identify some of the greatest American composers and songs ever written.

Prerequisite: Students must have taken Music History: A History of Western Classical Music and have prior approval of the teacher.

Music Theory 1 – semester, (1/2 credit) *On Rotation*

This class will teach the basics of music reading and analyzing notated music and aural training. Particular emphasis will be placed upon developing listening skills, knowledge of rhythm, melody, harmony, form and other compositional devices. The successful student will be endowed with the skills necessary to function intelligently in any musical situation. Fee: \$18.00

Music Theory II – semester, (1/2 credit) *On Rotation*

This class will teach more advanced skills involved in music reading and analyzing music. More in depth emphasis will be placed on developing the musician's aural skills and knowledge of rhythm, melody, harmony, form and other compositional devices. Emphasis will be placed on both major and minor melodic and harmonic structures, with students given the opportunity to build his or her own small compositions. No Fee

Prerequisite: must have taken Music Theory 1 and must have prior approval of the teacher.

## PHYSICAL EDUCATION & HEALTH

*All students must take 0.50 credit of Physical Education to meet graduation requirements*

*All students must take 0.50 Health credit to meet graduation requirements*

### Physical Education I – Semester Course, 0.25 credit, Fee: \$20.00

With the ever-increasing awareness of obesity in our society, it is our goal that the students realize the importance of being physically fit and strive to improve their overall fitness by participating in Physical Education. Students will have the opportunity to work out in the WHS Fitness Center using state-of-the-art weight equipment at least twice a week during the semester. There will be a variety of individual, team and lifetime sports offered to the students. Students will participate and learn how to play soccer, volleyball, basketball, softball, flag-football, table tennis, badminton, tennis and golf. Students are also required to complete state mandated written and fitness related assessments throughout the semester.

### Recreational Sports PE – Grades 10–12, 0.25 credit; Semester class, Fee \$20

This course is designed for students to participate in a variety of sports that they may take part in for life. Students will participate and play competitive games. The sports may include, but are not limited to: Badminton, Basketball, Bowling, Corn Hole, Floor Hockey, Pickleball, Speedball, Soccer, Softball, Table Tennis, Team Handball, Tennis, Ultimate Frisbee/Football and Volleyball. As well, each student will learn the basic terminology, rules, safety and history about each sport.

Prerequisite: Physical education I

### Fitness & Weight Training – Grades 10–12, Semester Course, .5 credit, Fee: \$10.00

Physical fitness requires time, hard work, and desire. This course is designed for those athletes interested in developing body strength for advanced sports skills. Students will engage in weight lifting, cardiovascular conditioning and flexibility exercises. Students will utilize both free weights and circuit training weight machines.

Prerequisite: Physical Education I

Physical Education “PEOPEL PROGRAM” – *Grades 11–12 Only, 0.50 credit; Semester class Fee:\$10*  
*Physical Education Opportunity Program for Exceptional Learners* is a unique physical education alternative designed for students wishing to provide a service to students with multiple disabilities. This class is a unique physical education alternative designed for students wishing to provide a service to students with multiple disabilities. Students, after being selected for the program, undergo specialized training in preparation for assisting students with disabilities. . Activities are individually designed for both partners for the purpose of developing physical and mental skills. There will be a variety of individual, team and lifetime sports offered to the students. Students are expected to complete reflection papers and/or projects within this course.

Prerequisite: Physical Education with 0.50 credit and a satisfactory grade.

**Prerequisite:** Student must have completed Physical Education with 0.50 credit and a satisfactory grade.

Health (required) – *0.50 credit, Semester class, No Fee*

Health is the part of the high school curriculum that presents the information students need to understand how to become and stay healthy. This class stresses healthy choices and decision-making. Students will work to develop skills necessary to weigh options, make responsible decisions and develop behaviors that promote a healthy lifestyle. Students will assess their attitudes and behavior patterns and understand the impact their choices have on themselves, their family, their friends, and their community and on society as a whole. Topics covered: Health risks, Stress, Mental Health, Dating Violence, Human Anatomy, Nutrition, Tobacco, Drug, Alcohol, Diseases, First Aid & CPR.



## FOREIGN LANGUAGE

*Elective*

### French I –

French One will not be offered for the 2023–2024 school year. French will be phasing out as we prepare to offer another foreign language in the next two to three years.

### French II – year long course, 1 credit, *Fee: \$12.00*

French II is designed for students to develop and improve upon the skills and concepts learned in French I. Major grammatical concepts will be learned, with an increased use of all four skills speaking, listening, reading, and writing in the French language. Students can expect a stronger focus on spontaneous speaking as well as more challenging reading and writing exercises. More instruction will be given in French than in the previous year and students are expected to participate using French whenever possible. Students will continue to explore the customs and traditions of the Francophone world. This course is enriched with online flashcards and learning games that each student may access 24/7 for practice and review. In addition, several tests and quizzes will be taken online.

**Prerequisite:** French I with a 70% average or better or by teacher recommendation.

### French III – *Fee: \$12.00 \*The 2023–2024 school year will be the final offering for French III.*

French III focuses on the continued development of communicative competence in the target language and understanding of the culture (s) of the people who speak the language. Students are expected to begin using basic language structures and learned material to express their thoughts. They are exposed to more complex features of the language, moving from concrete to some abstract concepts. Instruction is almost exclusively in French with the exception of new concepts. This is a blended learning course and students are expected to access online notes and practice exercises at home. In addition, several tests and quizzes will be taken online.

**Prerequisite:** French II with an 80% average or better.

### Spanish I – Year long course, 1 credit, *Fee: \$15.00*

Spanish I will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Spanish II – year long course, 1 credit, *Fee: \$18.00*

Spanish II builds upon knowledge gained in Spanish I. This course will reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on improving pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses as well as future, conditional, perfect, and command tenses. Students will be expected to apply these tenses in their writing and speaking. Daily verbal interactions with classmates and teachers are expected and encouraged.

**Prerequisite:** 70% (C-) in Spanish 1 course

Spanish II Honors – year long course, 1 credit, *Fee: \$23.00*

Spanish II Honors is intended for highly motivated and achieving students who want to partake in a more rigorous course, with the intention of eventually pursuing Spanish 4/5. A Spanish II Honors student retains and produces all Spanish I material with ease and accuracy. There will be less review than in Spanish I, and the class will naturally move at a more accelerated pace. This course will reinforce the skills learned in Spanish I: listening, speaking, reading, and writing. Emphasis is on improving pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses as well as future, conditional, perfect, and command tenses. Students will be expected to apply these tenses in their writing and speaking. Daily verbal interactions with classmates and teachers are expected and encouraged.

**Prerequisite:** Teacher recommendation

College Prep Spanish III year long course, 1 credit, *fee: \$30.00*

Spanish III is designed to refine and build upon the basic skills stressed in levels I and II. Students will further enhance these basic skills by emphasizing grammar and vocabulary through newspaper articles and a selected book. This course provides students with additional opportunities to expand their listening, speaking, reading and writing skills. The majority of the course is conducted entirely in Spanish. This course will require students to be more focused and interactive than Spanish II. This course is recommended for all college bound students who enjoy speaking Spanish and learning about Hispanic culture. If you are planning on taking Spanish IV and taking the Seal of Biliteracy this class is not recommended. Take Spanish III Honors if your goal is to take the Seal of Biliteracy.

**Prerequisite:** 73% (C) in Spanish II

Spanish III Honors – year long course, 1 credit, *Fee: \$25.00*

Spanish III Honors is intended for highly motivated and achieving students who want to partake in a more rigorous course, with the intention of eventually pursuing the Seal of Biliteracy and Spanish IV/V. A Spanish III Honors student retains and produces all Spanish II Honors material with ease and accuracy. This course offers a more challenging approach to the four language skills. This course provides students additional opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and as they access short literary texts, authentic materials and media on generally familiar topics. Students satisfy communication and social interaction demands, they initiate and maintain daily face-to-face communication. They identify main idea(s) and significant details in discussions, presentations, and written texts within a cultural context, read and interpret authentic materials, narrate and describe in sentences, groups of related sentences, and short cohesive passages in present, past, and future time and compose messages, announcements, personal notes, and advertisements. They continue to refine their knowledge and understanding of the target language and culture(s) and their own by examining the interrelationship of other cultures to their own, by demonstrating behaviors appropriate in target cultures, and by applying their knowledge and skills inside and outside of the classroom setting.

**Prerequisite:** 80% (B-) in Spanish 2 course

Honors Spanish IV & V year long course, 1 credit, – *Fee: \$16.00*

Spanish IV and V is a combined class conducted completely in Spanish. This course is designed for students who have a high aptitude for learning languages and are willing to speak **only** in Spanish. This course focuses on writing skills and the ability to communicate effectively in the target language. Students will be graded on daily discussions and daily journals. Students are required to complete homework every night. In addition, Spanish V students will focus on six higher-level topics: global challenges, personal and public identities, beauty and aesthetics, contemporary life, families and communities, and science and technology.

**Note:** Students will take the *Seal of Biliteracy* test at the end of the school year.      **Prerequisite:** 80% (B-) in Spanish III/IV

## ENGINEERING & PROJECT LEAD THE WAY

### *Electives*

*Science Electives—These courses do NOT count towards Science graduation requirements*

NOTE: All High School Engineering Electives complete ODE requirements for the *Technology Seal* and have a \$10 fee.

From launching space explorations to organizing recycling materials, 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. These activities not only build knowledge and skills in engineering, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance.[NO2]

#### Introduction to Engineering Design (IED) – Level I, 1.0 credit

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems. Students will primarily focus on using 3D CAD modeling software (Autodesk Inventor) to generate concepts, 3D printing to manufacture concepts, and industry recognized methods to document their work. Students in this class will also complete a test for an industry recognized credential in CAD (Autodesk Inventor Certified User) in the 3<sup>rd</sup> or 4<sup>th</sup> quarter. Open to all high school students (no prerequisites). *It is strongly recommended students be taking Algebra (or above) to take this course.*

#### Aerospace Engineering (AE) – Level II, 1.0 credit

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. Open to all high school students (no prerequisites). *It is strongly recommended students be taking Algebra (or above) to take this course.*

Civil Engineering and Architecture (CE) – Level I / II, 1.0 credit

In this class, students learn the fundamentals of building design, site design, and development. They will apply math, science, and standard engineering practices to design both residential and commercial projects as well as document their work using 3D architectural design software (Revit). Open to all high school students (no prerequisites).

Principles of Engineering (POE) – Level III, 1.0 credit

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, strength of structures and materials, and automation (using VEX). Students develop skills in problem solving, reseDigital arch, and design while learning strategies for design process documentation, collaboration, and presentation. *It is strongly recommended students have completed Geometry prior to taking this course.*

Computer Integrated Manufacturing – Level II/III, 1.0 credit

This course provides an opportunity for students to develop a better understanding of this innovative and exciting industry. Students learn about manufacturing processes, product design, robotics, and automation. Students develop their knowledge and skills of Computer Aided Design and Manufacturing to produce products using a Computer Numerical Controlled (CNC) mill. Students apply the knowledge and skills gained in this course as they collaborate to design, build, and program factory system models.

## Career Based Courses

Transition & Career Search – Semester, 0.50 credit, (on rotation, will be a 10th grade class in 2024–25)

In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication, and leadership skills. Additional topics will include technology etiquette, personal finance and career planning. Emphasis and guided support to earn the Ohio Means Jobs Seal by the student's senior year. Additional topics will include technology etiquette and career planning.

Career & College Readiness – Semester, 0.50 credit, 11<sup>th</sup> grade required

Do you know what career lies ahead for you? Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, and develop interviewing skills. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. Students will update Individual Academic Career Plan (IACP) and Student Success Plan (SSP). Students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. The course also demonstrates how academic achievement influences personal and career growth, the use of conflict resolution techniques, how to apply social skills that lead to effective school, career and family relationships that lead to a healthy, caring and responsible citizen. Goal setting, planning and time management skills will be applied in reference to family and workplace. Emphasis and guided support to complete and earn the Ohio Means Jobs Seal by graduation.

Personal Finance Semester, 0.50 credit

\* Required for the Class of 2025 and beyond.

This semester course is required for students to obtain their Personal Finance credit. Understanding and managing personal finances are key to one's future financial success. The course presents essential knowledge and skills to make informed decisions about real world financial issues. Students will gain an introduction to economic fundamentals, the value of education, choosing a career path, taxes, budgeting, banking basics, credit, savings, investing, and risk management. Many financial philosophies and resources will be used to give students a well-rounded introduction to personal finance topics.

Experiential Learning I and II – Semester Course, 1.0 credit, 12th grade. *May take both semesters.*

Students attend class each day and then are given the opportunity to leave school early for an Internship or Pre-Apprenticeship. Students are placed with local business professionals that will serve as a mentor. Students will gain an understanding of the necessary skills, required education, and responsibilities that comprise of these careers. The development of leadership, communication, and employability skills will be a priority.

This course will also provide students with sustainable practice of basic employability skills that include but aren't limited to professional ethics, teamwork, networking, professional best practices and problem solving. Students will also learn about key skills that employers are looking for in an employee. They will look at careers and find what is interesting and fits their skills, personality and abilities.

To qualify for these opportunities students must be 1) on target with credit 2) graduation pathway complete 3) teacher & principal recommendation, 4) parent permission. Students must be enrolled in FOUR academic classes plus the Experiential Learning course (total of 5 Carnegie units) and maintain a 70% (C-) in ALL classes. Grades are checked at interims and at the end of the quarter. Students must have their own transportation. Appropriate forms must be completed. Participation may be revoked due to grades or disciplinary action at WHS or partner site.

- *The Writing Center, Supportive Peers, and Study Hall are not considered academic classes.*
- Students taking the Experiential Learning II Course may not participate in Senior Option 1.

1) Students enrolled in this program MUST complete a minimum of 35 hours per quarter = 70 hours per semester.

2) The student's mentor will sign off on the hours and will evaluate the Intern 2 times a quarter.

3) Students are responsible for attending class and completing all assignments.

4) Students are required to prepare and lead a presentation w/ Power Point to underclassmen about their personal internship/pre-apprenticeship experiences at the end of each semester during school hours.

5) Students will complete & prepare an "Experiential Learning Portfolio" at the end of the school year.

Prerequisite: Complete a student interview with the Career Coordinator during the 4th quarter of the student's junior year.

Lean Six Sigma, year long course, 12th grade, Fee \$10.00

Lean Six Sigma is an Industry Recognized Credential. We offer both Lean Six Sigma Yellow Belt Certification and Lean Six Sigma Green Belt Certification.

Lean Six Sigma training and certification teaches our students the principles of structured problem-solving and the practice of using the Lean Six Sigma tools to complete an individual and a team-based problem-solving project.

Lean Six Sigma is a formal, structured, and dynamic problem-solving method that relies heavily on a collaborative team to solve a problem and implement a lasting solution. It focuses on continuous improvement by reducing unnecessary costs, improving quality, and it demands a relentless focus on the customer or end-user.

LSS Yellow Belt (Team Member) and LSS Green Belt (Team Leader) are certifications that are recognized worldwide by almost every industry you can imagine. Organizations that have successfully used this methodology can succeed in competitive environments, have higher employee engagement, have lower employee turnover, and often see an increase in profit. Lean Six Sigma is also the system preferred by companies around the world to streamline, improve, and optimize every aspect of their organization.

Employability: Semester, 0.50 credit, 12<sup>th</sup> grade only

This course provides students a sustainable practice of basic employability skills that include but are not limited to professional ethics, teamwork, networking, professional best practices and problem solving. Students will also learn about key skills that employers are looking for in an employee. They will look at careers and find what is interesting and fits their skills, personality and abilities. Students will focus on the goals and complete criteria to earn the Ohio Means Jobs Seal. The employability class will collaborate with the United Way of Warren County to offer in class speakers from local companies as well as tours of their working facilities.

Textiles & Design Semester, 0.50 credit, grade 10th, 11th and 12th grade, Fee \$10.00

Textiles and Design is an introductory course for those students interested in academic enrichment or a career in the fashion, textile, and apparel industry. A project based approach integrates instruction and laboratory experiences including; application of the elements and principles of design, selection, production, alteration, repair, and maintenance of apparel and textile products; as well as the application of technical tools and equipment utilized in the industry. The course provides the foundation for post secondary studies in fashion, textile and apparel related careers.

Housing & Interior Design Semester, 0.50 credit, grade 10th, 11th and 12th grade, Fee \$10

Interior Design is an introductory course for those students interested in academic enrichment or a career in interior design and residential architectural design. Emphasis will be placed on the elements required to create an attractive and functional living space using students' design style. Students will apply the elements and principles of design by pairing current technology with actual sample materials to develop projects related to architecture and interior design. In the final capstone project students will be tasked with creating a floor plan, a list of composite material, and color choices, in addition to the selection and arrangement of furnishings and accessories.

Child Development Semester, 0.50 credit, grade 10th, 11th and 12th grade, Fee \$10.00



Students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, prenatal development, birth and labor, birth defects, childcare, adoption, toddler development, school age development, teen development, learning styles and evaluating childcare services.

Entrepreneurship/Flex Factor Semester, 0.50 credit, grade 10th, 11th and 12th grade

This course explores all aspects of the creation of a new venture from idea through startup, growth, and beyond. Students will learn how to evaluate opportunities, develop strategies, create a business plan and acquire financing for a new venture. Additional topics include market research, product development, business design, branding, marketing, operating and management.

*NON CONTENT SUBJECT AREA ELECTIVES*

Supportive Peers –Semester Course – Grades: 11–12, Credit: 0.5

Supportive Peers– Elective – Application required by Supportive Peer Teacher. Final roster approval will be determined by both the Supportive Peer Teacher and Principal. This class is available to juniors and seniors who are interested in working in an inclusive environment with students who have exceptional needs. Students will be required to participate in training at the beginning of the school year (To be determined) and will participate in self-educational opportunities for grades to learn more about populations dealing with disabilities. Supportive peers will be responsible for monitoring student work in the classroom and assisting the peer in adjusting to being in the mainstream school population. Peers are expected to be role models and advocates for the student(s) with whom they are working. This class is offered for credit and those enrolled will not be responsible for any course work in the peer's class, but rather for the curriculum established for the Supportive Peer Program. Grades 11–12 preferred. Supportive peers can be taken for either 1/2 credit (semester) or for 1 credit (year). Students may only enroll for this class at most 2 periods each semester.

## *SPECIAL EDUCATION DEPARTMENT*

### Integrated Math

This section concentrates on building Algebra I and Geometry skills. This course will focus on the use of patterns, modeling, and extensive practice to build student understanding and competency in mathematics. The students will be expected to learn through collaboration, collection of data, and self-monitoring of material. In addition, technology will be embedded into the curriculum. This course is aligned with the Common Core standards available through the Ohio Department of Education.

### Integrated English

This course will focus on building and reinforcing reading comprehension and written expression for success in high school while meeting the unique needs of all learners in the class. Through guided instruction, modified pacing, and proper differentiation, students will learn effective reading and writing skills to enhance their communication abilities. The use of technology will be utilized to prepare students with the skills demanded by our real-world society. This course is aligned with the Common Core standards available through the Ohio Department of Education.

### Life Skills

This program emphasizes the development of essential skills that students need as consumers, employers, and community members. The curriculum is not limited to but will include the following: money skills, time management, interpersonal communication, household management, safety awareness, and work relations. In addition, students will learn about food management, including healthy eating and how to follow a recipe to prepare meals and snacks. Because the current academic curriculum does not teach many aspects necessary to succeeding and thriving in life, this course will focus on how to apply learned skills to real-world experiences. The content in Life Skills is functional and practical to help gear the students to live as independently as possible.

### Advanced Life Skills

Students acquire the necessary skills to make good choices regarding nutrition, cooking, finances, banking, budgeting, navigating within the community, and more. This course will have a strong focus on fostering independence as well as community experiences and partnerships. Students will also have a school/community business as determined by the teacher and students each year. This course is for students that have already had Life Skills and are ready to move towards further independence and self advocacy.

### Applied English

This course is designed to expose students to the Ohio Content Standards–Extended. Students will be provided with a real world curriculum that focuses on: fictional and informational text, text types and purpose and range of writing. Within the standards are three types of complexity and exposure will be based on individual needs.

### Applied Math

This course is designed to expose students to the Ohio Content Standards–**Extended**. Students will be provided with a curriculum that focuses on basic algebra, geometry, and real world money and budgeting application.

### Testing Center – *no credit*

The testing center will be utilized by students, grades 7–12, that receive accommodations through an Individual Education Plan (IEP), a 504, or as an intervention through a Response to Intervention (RTI) plan. The testing center will also be available to all students that have been absent for extended periods of time to make up any missed tests, quizzes, or exams when agreed upon by the general education teacher. Finally, the testing center will also provide a supervised work area for students that have received an In–School Intervention to complete assignments and not fall behind in their academic studies.

The main goal of the testing center is to provide accommodations for students without providing an overdependence on assistance from their classroom teachers and intervention specialists. Our center allows for each and every accommodation listed on an approved plan to be followed, but also creates a supported environment that instills independence, a focus on content, and more of a mastery of skills. It also places a focus on intervention and re–teaching of skills before students are tested over material rather than student dependence on step by step prompting. It also allows for more accurate tracking of which accommodations are used, and how often by each student according to their plan. Fostering testing independence also better prepares students for the college setting, and accreditation testing through a vocational program when accommodations are not always allowable.

# Warren County Career Center

**WARREN COUNTY CAREER CENTER:** The Warren County Career Center (*Atrium & Main Campus*) population is made up of juniors and seniors from the Wayne Local, Springboro Community, Franklin City, Kings, Lebanon City, and Little Miami school districts.

## CAREER PREPARATORY

Career-Technical Education prepares students with the technical skills for employment. Many of the programs offer college credit in the technical area, giving students a head start on college and technical school training. Some programs lead straight to employment, while others require further post-secondary education.

## STUDENT ELIGIBILITY

Students who will be completing the tenth grade and earned a minimum of eight (8) units of credit will be eligible to apply to the Warren County Career Center.

## WCCC CREDIT GUIDE

Students who attend the Warren County Career Center can earn the following credits:

### *Junior Year Credit Guide:*

All first-year program students can earn the following credits:

- 4 credits–**Career-Technical Lab**–All students can earn 4 credits for occupational skills training for their specific vocational program.
- 1 credit–**English III**–this course helps students transfer improved reading, writing, listening, speaking, problem-solving, visual, and non-verbal skills to their occupations and personal lives.
- 1 credit–**Social Studies (Government/Economics)**
- 1 credit–**Math**
- 1 credit–**Science**

### *Senior Year Credit Guide:*

All second-year program students can earn the following credits:

- 4 credits–**Career-Technical Lab**–All students can earn 4 credits for an advanced occupational skills lab for their specific vocational program. If the student meets the requirements, he/she could qualify for advanced/early placement on a job.
- 1 credit–**English IV**–This course helps students improve communication skills through written, verbal, and non-verbal applications. Both English classes combine traditional English materials with workplace communication.

- 1 credit–Math
- 1 credit–Science/ Social Studies or Elective credits

Students attending the WCCC have the opportunity to earn a high school diploma by follow the pathway of earning a State Board of Education–approved, industry–recognized credential or a state–issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on the **WorkKeys** assessment. (*\**)*Programs located at the Atrium Campus.*

### WCCC Programs

Automotive Technology  
 Construction Trades/ Carpentry  
 Cosmetology  
 Criminal Justice  
 Culinary Arts  
 Cybersecurity  
 Dental Assisting \*  
 Diesel Tech  
 Digital Media Arts  
 Early Childhood Education  
 Electrical Trades  
 Engineering and Robotics  
 Fire Science  
 Graphic Arts, Imaging & Advertising Design  
 Medical Office Management \*  
 Heavy Equipment & Site Construction  
 HVAC/ Heating, Ventilation & Air Conditioning  
 Information Technologies  
 Pharmacy Tech \*  
 Pre–Nursing \*  
 Sports & Exercise Science \*  
 Surgical Technology \*  
 Veterinary Science  
 Welding

### WCCC PROGRAM LENGTH

All programs offered at the career center will be two (2) years.

## HOME SCHOOL STATUS

Students who attend the Warren County Career Center will still be considered members of their home school. Since the WCCC serves as an extension of the home school, all students who complete their course requirements at the WCCC will receive a regular diploma from their home high school. In addition, they may receive a career certificate from the Warren County Career Center by meeting grade and attendance requirements.

## STUDENT EXPENSES

There will be no tuition charge for students residing in any of the participating school districts. Students pay school fees at WCCC, but costs vary as to the program requirements. Please call the WCCC for more information about expenses and fees.

STUDENTS PLANNING ON ATTENDING THE CAREER CENTER SHOULD HAVE THE FOLLOWING CREDITS UPON COMPLETION OF THE TENTH GRADE:

English	2 Credits
Math	2 Credits
Science	2 Credits
Social Studies	2 Credits
Health/Phys Ed	1 Credit
Fine Arts	1 Credit

10 Credits (8 minimal)

## WITHDRAWAL FROM CAREER CENTER

If a parent withdraws their child from WCCC before the last day of the school year their sophomore year the child does not have to attend the first two weeks at the WCCC. Withdrawal notification must be made by filling out the withdrawal form and returning it to both the WCCC counseling office and a copy given to the home school counselor. Withdraw forms are located in the home high school office. Withdraw notification can be made in writing or by calling before the deadline. If a student does not meet this deadline, the student **MUST** attend the Career Center for the first two weeks of school. The two-week time period is required so the students get a complete and thorough concept of their program.

If a student decides after two weeks to withdraw from the Career Center, a conference must be held with the Waynesville High School principal and guidance counselor, and the Career Center guidance counselor, the student, and the parent. The high school principal shall make the final determination as to whether the student will be able to return to the home school.