

# WILMINGTON

## HIGH SCHOOL

2023-2024

# Course Selection Guide

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## **GENERAL INFORMATION**

### **SCHOOL AND DISTRICT STAFF**

#### **WILMINGTON BOARD OF EDUCATION**

Mrs. Carrie Zeigler- President  
Mr. Kevin Snarr- Vice President  
Mr. Marty Beaugard Sr.  
Mr. Michael Flanigan  
Mr. Brian Shidaker

#### **WILMINGTON CENTRAL OFFICE ADMINISTRATION**

Mr. James Brady, Superintendent  
Mrs. Kim DeWeese, Treasurer  
Mrs. Nicole Quallen, Director of Instruction  
Mrs. Natalie Harmeling, Director of Pupil Services

#### **WILMINGTON HIGH SCHOOL ADMINISTRATION**

Mrs. Samantha Woodruff, Principal  
Mr. Dustin James, Assistant Principal  
Mr. Matt Spradlin, Dean of Students

#### **GUIDANCE STAFF**

Mr. Tyler Williams, (last Name, A-F)  
Mrs. Mary Groves, (Last Name, G-O)  
Mrs. Tammy Martin (Last Name, P-Z)

### **WHS VISION AND MISSION**

#### **VISION STATEMENT**

The Wilmington School Community will enable all students to reach their individual potential for meeting the challenges of life in the 21<sup>st</sup> century.

#### **MISSION STATEMENT**

By providing a safe, caring environment and by offering a relevant, varied curriculum and access to modern technology, Wilmington High School will give each student the opportunity to reach educational excellence, develop a strong, positive value system, and to become an independent, active learner.

## LETTER FROM THE WHS COUNSELING DEPARTMENT AND ADMINISTRATION

Dear Student and Parent(s):

The information contained in our Course Selection Guide is meant to help you with creating the most relevant/rigorous schedule for the next school year. You should give careful consideration to choosing courses that will satisfy graduation requirements, career pathways, and ensure proper academic progression. In addition, please be sure that you have the necessary academic background to be in the courses you have selected. All students are encouraged to read course descriptions carefully, and ask questions of teachers, counselors, and parents before making their final selections. We encourage parents to be actively involved in their student's scheduling process.

Extensive effort is made by your high school teachers, counselors, and administrators to ensure that you have chosen and received the best possible course schedule. Based on course selections made by students in the spring, a master schedule is created, and teachers and students are assigned to classes so that class enrollments are as balanced as possible. Consequently, when our school year starts in August, student-initiated **schedule changes will only be approved by counselors and administrators on a very limited basis, and requests must be made within the first five days of beginning a course.** Schedule changes after the school year has started only detract from the balance created in the high school's master schedule. Your cooperation in establishing and maintaining a healthy academic program is expected.

**The following are some of the reasons why a schedule change may be approved: a student was placed in a course that they have already passed, a student was placed in a course out of sequence (i.e. Algebra II before Algebra I), a student is missing a course required for graduation, a student was placed in an inappropriate level (i.e., assigned to Honors, but course should have been regular ed.), a student must rearrange their high school courses due to a College Credit Plus scheduling conflict, or a placement change is needed and directed by a school official (i.e., teacher, administrator, or counselor).**

Schedule changes will NOT be approved for the following reasons: a student desires a different teacher (teacher counts are monitored very closely and classes are balanced), a student desires a different lunch shift, a student desires the same class, but in a different period, or a student requested a course, received it, and is now no longer interested in it. Again, please put thought and consideration into the courses that you are requesting.

With approximately 950 students in grades 9-12, a general guide such as this cannot address all of the individual situations and concerns that may arise. If you have any questions about your own choices, we encourage you to check with the counselor assigned to you. It is our wish that you obtain the best education possible during your high school years. Making good choices in your schedule plays a big part in making that wish come true.

# WILMINGTON HIGH SCHOOL GRADUATION REQUIREMENTS

Graduation from Wilmington High School is determined by the student meeting both the credit requirements and additional requirements listed below. Please consult with your school counselor to determine graduation progress.

## 1. CREDIT REQUIREMENTS

English	4 credits
Mathematics	4 credits (must include Algebra 2)
Social Studies	3 credits (must include American History and American Government)
Science	3 credits (must include one credit each of physical science and biology)
Health	½ credit
Personal Finance	½ credit (Class of 2026 and beyond)
PE	½ credit*
Fine Arts	1 credit**
Total	23 credits (including elective credits)

### **\*WHS PE Exemption Policy**

The Wilmington Board of Education adopted a policy to excuse a student from the high school Physical Education graduation requirement if, during high school, the student has participated in interscholastic athletics, marching band, show choir, or cheerleading for at least two full seasons. JROTC is also an approved activity for students who participated in the program for two years. These policies are governed by rulings from the State Department of Education. Please see the Guidance Office for further information.

\*\*The Fine Art requirement can be from Art, Vocal Music, Instrumental Music, or Theatre Arts courses. A student may use his or her 7<sup>th</sup> or 8<sup>th</sup> grade Band or Choir class(es) to count for this credit requirement.

### **Additional requirements**

In addition to the credit requirements, students also must meet the new state requirements for graduation. Students must meet both the Show Competency and Show Readiness requirements listed below.

You can meet new requirements by demonstrating competency and readiness for a job, college, military or a self-sustaining profession.

## **2. SHOW COMPETENCY**

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

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

<b>Option 1</b>	<b>Demonstrate Two Career-Focused Activities (one must be Foundational):</b> <b>Foundational</b> <ul style="list-style-type: none"><li>● Proficient scores on WebXams</li><li>● A 12-point industry credential</li><li>● A pre-apprenticeship or acceptance into an approved apprenticeship program</li></ul> <b>Supporting</b> <ul style="list-style-type: none"><li>● Work-based learning</li><li>● Earn the required score on WorkKeys</li><li>● Earn the OhioMeansJobs Readiness Seal</li></ul>
<b>Option 2</b>	<b>Enlist in the Military</b> Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.
<b>Option 3</b>	<b>Complete College Coursework</b> Earn credit for one college-level math and/or college-level English course through Ohio’s free College Credit Plus program.

# AND

## **3. SHOW READINESS**

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

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

OhioMeansJobs Readiness Seal (Ohio)  
Industry-Recognized Credential Seal (Ohio)  
College-Ready Seal (Ohio)  
Military Enlistment Seal (Ohio)  
Citizenship Seal (Ohio)  
Science Seal (Ohio)

Honors Diploma Seal (Ohio)  
Seal of Biliteracy (Ohio)  
Technology Seal (Ohio)  
Community Service Seal (Local)  
Fine and Performing Arts Seal (Local)  
Student Engagement Seal (Local)

**Want to learn more? Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation).**

## METHOD OF DETERMINING GRADE POINT AVERAGE

A student's Grade Point Average (GPA) is determined by converting letter grades to the numerical value assigned to these grades (see chart) then adding these points to determine a total point value. The next step is to determine the total number of credits associated with the converted grades. Dividing the total point value by the total number of credits will provide the student's GPA.

### GRADING SCALES

Regular	Honors	Advanced Placement
A = 4.0	A = 4.5	A = 5.0
B = 3.0	B = 3.5	B = 4.0
C = 2.0	C = 2.5	C = 3.0
D = 1.0	D = 1.0	D = 1.0
F = 0.0	F = 0.0	F = 0.0

Note: No weighted credit is earned for a grade of D or F

### EXAMPLE of GPA CALCULATION

Subject	Grade	GPA Points	Credits
Chemistry	B	3.0	1.0
AP English Language & Composition	B	4.0	1.0
Honors Pre-Calculus	A	4.5	1.0
Spanish III	A	4.0	1.0
American Government	B	3.0	1.0
Honors Wind Ensemble	A	4.5	1.0
Ceramics	A	4.0	1.0
<b>Totals</b>		27.0	7.0

GPA: GPA Points Earned divided by credits earned

Example:  $27.0/7.0=3.86$

## DIPLOMA WITH HONORS

### Comparison of Diploma with Honors criteria:

Students need to fulfill all but one criterion for either of the following “Diplomas with Honors”:

Subject	High School Academic Diploma with Honors Graduating Classes	Career-Technical Diploma With Honors for Graduating Classes
<b>English</b>	4 Units	4 Units
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent, and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent, and another higher level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	4 units, including 2 units of advanced science. Advance science = inquiry based & laboratory experiences. Must align with the grades 11/12 standards or with an AP science course or entry-level college course	4 units, including 2 units of advanced science. Advance science = inquiry based & laboratory experiences. Must align with the grades 11/12 standards or with an AP science course or entry-level college course
<b>Social Studies</b>	4 units	4 units
<b>World Language</b>	3 units of one world language OR 2 units each of two different world languages	2 units of one world language
<b>Fine Arts</b>	1 unit	Not counted toward requirements
<b>Electives</b>	Not counted toward requirements	4 units of Career-Technical minimum. Complete four units of career-technical education courses.
<b>GPA</b>	3.5 on a 4.0 scale	3.5 on a 4.0 scale
<b>ACT/SAT/WorkKeys</b>	27 ACT/1280/SAT	27 ACT/1280/SAT/WorkKeys: 6 or higher on Reading & 6 or higher on Applied Mathematics
<b>Additional Assessment</b>	Not Applicable	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.
<b>Field Experience &amp; Portfolio</b>	Not Applicable	Complete a field experience & document experience in a portfolio. Develop a comprehensive portfolio.



## STUDENT GUIDE TO SELECTING COURSES

In each department, courses have been defined by description. They describe the course according to degree of difficulty, based on development. In order to assist students in making wise choices, the following guidelines are provided:

- Students should very carefully read course descriptions before making selections.
- Students should consult with teachers in each department concerning specific courses.
- Students should consult with guidance counselors if there are questions regarding curriculum planning, required courses, etc.
- After either pre-registration or registration, courses may be canceled due to low enrollment. For this reason, registration forms will contain a request for second and/or third course choices.

NOTE: Do not choose courses in which past skills have been mastered. Some course code numbers and/or titles have been changed. A course cannot be repeated for additional credit.

## COLLEGE CREDIT PLUS

Students who qualify will have the option to participate in College Credit Plus. Qualifying students may take college-level coursework while still in high school and earn both high school credit and college credit simultaneously. To qualify, students must:

- Attend a College Credit Plus orientation meeting given by the guidance counselors the school year prior to applying for admission to a college and signing up for college-level courses. Both the student and their parent(s) must attend this meeting together.
- Submit the Intent to Participate form no later than April 1st.
- Complete a College Credit Plus application to the college/university of their choosing.
- Meet the qualifications for acceptance to their chosen college/university (this may vary from institution to institution).
- PLEASE REFER TO WHS' CCP ANNUAL NOTICE FOR DETAILS.

## DROPPING A CLASS

Occasionally, a student may wish to drop a class once the semester has begun. Students considering this MUST meet with their assigned school counselor before any drop can take place. Please keep in mind that if the student initially requested the course and received it in their finalized schedule, they are expected to complete the course. For this reason, students are encouraged to carefully consider the courses they select. Dropping classes can affect such things as grade point average and/or athletic eligibility. If the student has requested to drop a class within the first FIVE days of beginning the course, then the course will not appear on their transcript and, therefore, will not affect their grade point average. Please note that full year courses may only be dropped during the first five days of FIRST semester. If a student wishes to drop a class after five days has passed, then a parent/guardian must complete the appropriate paperwork (available in the counselor's office), acknowledging that they are aware of the consequences of allowing their student to do so. Students who drop a course after five days will:

- Receive a final grade of "WDF" (withdrawn failing) for the class- The "WDF" becomes part of the final transcript and figures into the grade point average as an "F."
- Be placed in a study hall during the dropped class period for the remainder of the semester.

Once students are placed into classes, schedule changes will only be considered for the following reasons:

- Student already has credit for the course.
- Student has not completed a required prerequisite.
- An error by the school has placed a student in the wrong class.

Students will not be allowed to change their schedule due to teacher or lunch preferences or because their grade is lower than desired.

### **Problem Solving Process**

Occasionally, issues will arise for a student in a class. The following process is in place to avoid making changes to student schedules. If all options have been exhausted, school administration can decide to change a schedule. All of the following criteria must be met before a schedule change will be considered:

- Student/parents meet with teachers to express concerns about the course.
- Students/parents formulate a plan with teachers to help students be successful in the course. The plan may include: tutoring, homework completion plan, organizational skills, etc.

## **DEFINITIONS OF TERMS**

- Required subject – Certain courses are required by our Board of Education and/or the State of Ohio for graduation.
- Elective – subjects taken which are not required are called electives.
- Prerequisite – It is sometimes necessary to have a certain background before taking some subjects. This is to better insure success in the course. Prerequisites may include grade level, course-work, grades in previous courses, interest, ability, or instructor recommendation.
- Semester course – some courses are offered for one-half of the school year (18 weeks). They have a fractional unit of credit.
- Transcript – A transcript is a record of courses taken and grades earned. One complete transcript is provided to each graduate the morning of graduation (at practice).

## **NCAA ELIGIBILITY**

Any student needing to be certified by the clearinghouse is encouraged to read the NCAA Initial-Eligibility Clearinghouse brochure titled: “Making Sure You Are Eligible to Participate in College Sports” available at [www.NCAA.org](http://www.NCAA.org). See your school counselor for more details.

## **PHI DELTA SIGMA**

Phi Delta Sigma is the Wilmington High School Scholastic Honor Society sponsored by the Scholastic Achievement Council. In order to be eligible for this honor, a student must be considered a full-time student, must have an overall GPA of 3.50 for the school year, must have earned at least a 3.5 average for each of the first three grading periods and a 3.5 for the semester exams of the current school year. They must have only As or Bs (any C, D, or F grades will disqualify the student regardless of the GPA).

# COURSE DESCRIPTIONS

## ART DEPARTMENT

### Visual Arts Course Names

Course#	Course	Prerequisite	Length	Credit
6001	Art 1 Intro to Visual Arts	none	semester	0.50
6004	Analyzing Art	none	semester	0.50
6017A/B	Art 2	Art 1	year	1.00
6021	Printmaking	Art 1 & 2	semester	0.50
6019A/B	Photography 1: Intro to Digital Photography	Art 1 & 2	year	1.00
6020A/B	Photography 2: Digital and Film Photography	Photography 1	year	1.00
6018A/B	Ceramics	Art 1 & 2	year	1.00
6005A/B	Art 3	Art 2	year	1.00
6007A/B	Art 4	Art 3	year	1.00

## ART

### **6001 Art 1, A: Introduction to Visual Arts (Semester 1)**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: None.

#### **Counts as a fine arts credit.**

This course is meant to create a foundation for all other studio based art courses at WHS. The will provide students with the opportunity to learn new skills and explore various materials and techniques such as drawing, painting, printmaking and three-dimensional work. Exposure to many art practices will allow students to better determine more specific areas of interest for later coursework.

### **6004 Analyzing Art**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: None.

#### **Counts as a fine arts credit.**

This course is designed to explore how art began. Students will watch brief films, learn about ancient art techniques, and how art is connected to the world and its cultures. This is not a studio based art course, but there will be small art projects due at the end of each unit of study.

### **6019A/B Photography 1**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Both Art 1 & 2

#### **Counts as a fine arts credit.**

This course is the exploration of basic photographic fundamentals and the history of photography. Assignments are designed to help students learn through hands-on experience. Students will learn the digital photo process by operating a DSLR camera to create interesting compositions.

### **6020A/B Photography 2: Digital and Film Photography**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Art 1 & 2 & Photography 1

#### **Counts as a fine arts credit.**

This course continues with a more in-depth study of photographic processes. Students will build upon experiences introduced in Photography 1. Opportunities to work with digital media, digital photography and film processes will be offered; projects include in-class and independent work. A more professional attitude and higher quality of work are expected.

### **6018A/B Ceramics**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Art 1

#### **Counts as a fine arts credit.**

Ceramics will provide students with in depth experiences in hand-build and wheel created clay work. All projects are designed to develop technical expertise with an emphasis on critical thinking, reflection and problem solving. A higher quality of work and willingness to learn new skills is expected.

### **6017A/B Art 2: Illustration and Mixed Media**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Art 1

#### **Counts as a fine arts credit.**

This course continues with a more in depth study of ideas and experiences introduced in Art 1. A stronger emphasis is placed on individual creativity through more complex drawing, illustration and mixed-media projects. Students will refine two-dimensional illustration skills. Experimentation with various art materials and techniques will be encouraged to help students develop skill in expressing ideas and feelings. A more professional attitude and higher quality of work are expected.

### **6021 Printmaking**

Grade Level: 11, 12

Semester

Credit: 0.50

Prerequisite: Art 1 & Art 2

#### **Counts as a fine arts credit**

This course is the exploration of basic printmaking processes and the history of printmaking. Assignments and projects are designed to help students learn through hands-on experiences. An exploration in creative thinking,

design, and technique processes are the skills students will build throughout the semester. Students will learn a variety of printing styles and techniques including: monoprinting, relief printing, screen printing, and color reduction.

**6005A/B Art 3**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Art 2

Counts as a fine arts credit

This course is for the advanced student, who is thinking about continuing in art at the post-high school level, or has a strong interest and is equally committed to a high level of achievement. This course continues areas of study introduced in Art 2 with an emphasis on painting and choice-based artwork, requiring an even greater degree of skill development and personal expression. A variety of media will be explored in both two and three-dimensional formats. Students will continue to develop work, which may be included in their art portfolios. While the majority of projects will be completed in class, independent work is also included. Students will connect their ideas with historical and contemporary artists, as well as complete reflections to examine both the strengths and areas of improvement in their work. A professional attitude and high quality of work are expected.

**6007A/B Art 4**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Art 3

Counts as a fine arts credit.

While skill development will continue, students enrolled in Art 4 are expected to be very self-motivated and produce well-planned, aesthetically pleasing work of superior quality. The emphasis of the class will be to give students the opportunity to further develop their own personal style and statement, solving problems with original and individual solutions. Projects will continue to explore a variety of media in both two and three-dimensional formats. The class will also focus on students' self-awareness with relation to career education in the art field, school selection and final development and preparation in art portfolio. Advanced Placement Portfolio development may be offered as an option for interested students.

## **BUSINESS EDUCATION**

### **6162 Computer Applications**

Grade Level: 9, 10, 11, 12

Semester

Credits: 0.50

Prerequisite: None.

This course can fulfill the graduation requirement for technology.

This one semester course will focus on essential computer and keyboarding skills required by many employers in the business field. Students will develop their ability to use word processing, presentation, and spreadsheet software. In addition, students will improve typing speed and accuracy. Career awareness will be included in computer course work.

### **6166 Marketing**

Grade Level: 10, 11, 12

Semester

Credits: 0.50

Prerequisite: None.

Marketing is a course that will teach students the strategic business skills they need in order to compete in the business workforce. In the class, students will learn about how companies reach customers and become successful. Topics covered include products, promotion, pricing, brands, marketing strategy, ethics, engaging customers, advertising, sales, management, and entrepreneurship.

### **7060A/B Yearbook Production**

Grade Level: 10, 11, 12

Year

Credits: 1.00

Prerequisite: You must have a permission slip signed by the yearbook instructor (Mr. Reed) to register for this course.

This class produces the school yearbook, The Hurricane's Eye. Staff members will be required to write articles, produce computer layout designs, and pass assessments based on the course of study for a grade. Students will learn the basic skills needed to produce a computer-designed yearbook. Some of the skills include photography, copywriting, interviewing, advertising, business management, and Page Maker. Students will be involved in many leadership opportunities. They should be self-motivated and able to complete independent work meeting all deadlines.

### **6770 Personal Finance**

Grade Level: 9, 10, 11, 12

Semester

Credits: 0.50

Prerequisite: None.

Graduation requirement for the Class of 2026 and beyond

Need help managing money? This course is designed to help students become financially literate and learn how to make proper decisions to control their financial success. Topics covered include: career planning, saving, investing, spending, credit, money management, housing, banking, and the stock market.

## PROJECT LEAD THE WAY (PLTW)

PLTW Engineering is more than just another high school engineering program. It is about applying science, technology, engineering, and math through a project-based, hands-on approach to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the “right” answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation. Even for students who do not plan to pursue engineering after high school, the PLTW Engineering program provides opportunities to develop highly transferable skills in critical thinking, collaboration, and problem solving, which are relevant for any coursework or career. PLTW Engineering is a satellite program offered in partnership with WHS and Great Oaks Career Campuses.

Students in PLTW Engineering courses have the opportunity to earn two college semester credit hours through Sinclair Community College. This is available for each PLTW course a student completes. Students can also earn CTAGs worth 3 semester hours accepted at most Ohio colleges and universities.

### **7945A/B Introduction to Engineering Design (IED)**

Grade Level: 9, 10, 11, 12

Year

Credit: 1.00

Prerequisite: Algebra I

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 using 3-D modeling software and use an engineering notebook to document their work.

### **7946A/B Principles of Engineering (POE)**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Successful completion of IED; teacher approval. Students in grades 11 and 12 may waive the IED requirement with teacher approval.

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation

### **7948A/B Digital Electronics (DE)**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Successful completion of Principles of Engineering (POE).

Digital electronics is the study of electronic circuits that are used to process and control digital signals. In contrast to analog electronics, where information is represented by a continuously varying voltage, digital signals are represented by two discrete voltages or logic levels. This distinction allows for greater signal speed and storage capabilities and has revolutionized the world of electronics. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will analyze, design, and build digital electronic circuits. While implementing these designs, students will continually hone their professional skills, creative abilities, and understanding of the circuit design process.

## **7949A/B Aerospace Engineering**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite - Successful completion of Digital Electronics (DE)

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. To be successful in AE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.



## ENGLISH DEPARTMENT

### English Department Course Names

Number	Course	Grade				Length	Credit
		9	10	11	12		
6301A/B	English 1	9				year	1.00
6303A/B	Honors English 1	9				year	1.00
630A/B5	English 2		10			year	1.00
6307A/B	Honors English 2		10			year	1.00
6320A/B	English 3			11		year	1.00
6330A/B	Honors English 3			11		year	1.00
6495A/B	AP Language and Composition			11		year	1.00
6440A/B	English 4				12	year	1.00
6360A/B	Honors British Literature				12	year	1.00
6332A/B	AP English Literature and Composition				12	year	1.00
6421	College Credit Plus English 1101	9	10	11	12	semester	1.00
6422	College Credit Plus English 1102	9	10	11	12	semester	1.00

### ELECTIVE COURSES

Number	Elective Course	Grade				Length	Credit
		9	10	11	12		
8237	Creative Writing	9	10	11	12	semester	0.50
8238	Analyzing Film			11	12	semester	0.50
8245	Analyzing Film 2			11	12	Semester	0.50
6382A/B	Journalism		10	11	12	year	1.00
6772A/B	Leadership 101		10	11	12	year	1.00

## English Department Recommended Sequence Chart

The only courses that may be counted toward the four required English graduation credits are listed in the table. The following sequence is recommended:

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
College and Career Ready Students	English 1	English 2	English 3	English 4
Honors and Advanced Students	Honors English 1	Honors English 2	College Credit Plus English(year) <u>OR</u> AP English Composition and Language (year) <u>OR</u> Honors English 3	Honors British Literature (year) <u>OR</u> AP English Literature and Composition (year) <u>OR</u> College Credit Plus English Composition (year)

1. If a class requires a research or documented paper/project, the student is required to complete the research or documented paper/project assignment. In a yearlong course, if the paper/project is not completed by the end of the quarter, the student will receive an F for that quarter. In a semester course, if a student does not complete a research paper, the student will receive an F for that quarter.
2. Summer reading is required for all required English classes (except for Technical Writing). Senior classes require reading prior to the beginning of each semester.
3. Schedules will not be changed due to a lack of completing assigned summer reading.

All ninth, tenth, and eleventh grade students must have English course selections for the next year approved by their current English teacher.

Freshmen will be guided by the recommendations based on the following: middle school grades, middle school teacher recommendations, and parental conferences.

**9th GRADE ENGLISH:**

**6301A/B English 1**

Grade Level: 9

Year

Credit: 1.00

Prerequisite: None.

This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards which include reading, writing, speaking and listening, and language skills. Students in this class will study various types of literature, including short stories, plays, poetry, articles, and novels. The class will emphasize reading skills as well as writing skills including multi-paragraph work in the three modes: narrative, informative, and argumentative writing. An MLA documented research paper/project is required.

**6303A/B Honors English 1**

Grade Level: 9

Year

Credit: 1.00

Prerequisite: Successful completion of 8th grade English

This course, which is taught at an accelerated rate and depth, will focus on preparing students to be college and career ready based on Ohio's Learning Standards which include reading, writing, speaking and listening, and language skills. Students in this class will analyze various types of fiction and nonfiction, including short stories, plays, poetry, articles, and novels. The class will emphasize reading, critical-thinking, and problem-solving skills. Writing multi-paragraph compositions in the three modes: narrative, informative, and argumentative writing will be expected. In addition, students will learn research skills and an MLA documented research paper/project is required. Summer reading is required.

**10th GRADE ENGLISH:**

**6305A/B English 2**

Grade Level: 10

Year

Credit: 1.00

Prerequisite: Completion of English 1

This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards which include reading, writing, speaking and listening, and language skills. Students will also read various pieces of literature and information to refine their analytical skills. Writing practice will center on the three major modes: narrative, informative, and argumentative. An MLA documented research paper/project is also required.

**6307A/B Honors English 2**

Grade Level: 10

Year

Credit: 1.00

Prerequisite: Completion of Honors English 1

This course, which is taught at an accelerated pace and depth, will focus on preparing students to be college and career ready based on Ohio's Learning Standards. Reading, writing, speaking and listening, and language skills are the focus. Students will also read various pieces of literature and information to refine their analytical, critical thinking, and problem-solving skills. Novels, plays, short stories, poetry, articles, and speeches are studied in depth. Writing practice centers on the three major modes: narrative, informative, and argumentative. An MLA documented research paper/project is also required.

**11th GRADE ENGLISH:**

### **6320A/B English 3**

Grade Level: 11

Year

Credit: 1.00

Prerequisite: Completion of English 2.

English 3 is a year-long course that focuses on the development of American literature throughout history from the colonial period to the diversity of the contemporary emerging canon. Students continue to build on the integrated skills from previous courses, moving into the highest band of Ohio's Learning Standards. Reading material includes both whole-class and self-selected novels, as well as shorter texts incorporating a variety of literary and informational texts. Students write essays of analysis, research papers, and informal responses to literature. Speaking and Listening skills are emphasized through both discussions and formal presentations of a variety of interdisciplinary projects.

### **6330A/B Honors English 3**

Grade Level: 11

Year

Credit: 1.00

Prerequisite: Completion of Honors English 2.

Honors English 3 is designed for students who have proven excellence in high school English and desire to pursue an intensified study in literature and composition. This is a year-long course which provides an enriched experience, building upon the foundational skills acquired in Honors English 1 and 2. Students extend their learning into the 11th and 12th grade band of Ohio's Learning Standards through integration of the strands in Reading Literature, Reading Informational Text, Writing, Language, and Speaking and Listening. Reading material focuses on the development of American literature from the colonial period to the contemporary emerging canon. Students interrogate text to determine main idea, point of view, cite evidence, make inferences from text, and comprehend complex texts from a variety of genres including informational text, literary nonfiction, poetry, short stories, plays, and novels. Integration of strands enables students to utilize mentor texts to expand skills in grammar and structure, producing clear and coherent writing that is developed, organized, and appropriate for the intended purpose and audience. Students have frequent opportunities to present their writing through discussion and utilization of technology. The course includes preparation for formal test events and transition into Advanced Placement English courses. Summer reading is required.

### **6495A/B Advanced Placement Language and Composition**

Grade Level: 11

Year

Credit: 1.00

Recommended: Honors English 2 and a 3 or above on 9th grade ELA state test

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Emphasis is placed on critical thinking as well as reading and writing analyses required by the College Board AP test which students are encouraged to take in May following completion of this course. Summer reading is required.

## **12th GRADE ENGLISH:**

### **6440A/B English 4**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Completion of English 3.

English 4 is a year-long course that focuses on preparing students to be successful in life and careers based on the Common Core Standards for English Language Arts and Literacy. The class will focus on reading literature and nonfiction, writing, speaking and listening, and language skills. Students will study different genres of print within the contemporary secondary classroom. Literary terms and techniques will be emphasized while focusing on the author's purpose and or bias. In addition, this class will explore a variety of common forms of technical writing, including memos, letters, and reports, focusing on standard conventions for technical writing, as well as principles of document design. Writing practice will center on the three major modes: narrative, informative, and argumentative. This course may be used to meet 1 English credit.

### **6360A/B Honors British Literature**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: English 3 or AP English Language and Composition

This course may be used to fulfill one year of the senior English graduation requirement. This course surveys British literature from the Anglo-Saxon period to the present and provides an enriched experience, building upon the foundational skills acquired in Honors English 3. Students extend their learning into the 11th and 12th grade band of Ohio's Learning Standards through integration of the strands in Reading Literature, Reading Informational Text, Writing, Language, and Speaking and Listening. The course focuses on knowledge and appreciation of British Literature from both cultural and thematic perspectives as well as understanding its relationship to other literature. Emphasis will be placed upon close reading, literary analysis, group projects and presentations, and round-table Socratic discussion. Summer reading is required.

### **6496A/B Advanced Placement English Literature and Composition**

Grade Level: 12

Year

Credit: 1.00

Recommended: AP Language and Composition and a 3 or above on the 10th grade ELA state test

This year-long course is academically rigorous and provides an enriched experience, building upon the foundational skills acquired in Honors English 3 and/or the AP Language and Composition courses. It emphasizes close reading and analysis of western and world literature—including poetry, drama and prose—from ancient to modern times. Such reading will be accompanied by thoughtful discussion in a Socratic Seminar format and writing about these texts. Students will consider a work's literary artistry as well as social, historical and literary critical context. As a result, students will increase their ability to explain what they understand about literary works and why they interpret them as they do. Students' writing will be both informal and exploratory, allowing them to discover what they think as they read, as well as more formal literary analysis that is timed and untimed. The level of difficulty of AP English Literature and Composition approximates a college level literature course; therefore, emphasis is placed on critical thinking as well as reading and writing analysis required by the College Board AP test which students are encouraged to take in May following completion of this course. Summer reading is required.

## **College Credit Plus English Composition**

Prerequisite: Acceptance in College Credit Plus through Southern State Community College.

Upon successful completion of this course, high school seniors will earn college credit. Guidelines for admission and grading are set by Southern State Community College and are subject to change between the publication of this document and the beginning of the academic year. Please note that students will be enrolled in both courses and may be asked to submit a writing sample for instructor approval prior to admittance.

### **6421 ENGL 1101 | English Composition I (3 credit hours)**

Grade Levels: 8, 9, 10, 11, 12

Semester

Credit: 1.00

Prerequisite: Accuplacer Writing score of 5 or above, or ACT English score of 18 or above, or SAT Verbal score of 500 or above, or successful completion of ENGL 0099.

English 1101 provides an introduction to expository writing, emphasizing the clear and concise expression of ideas in a variety of rhetorical modes. It expands a student's existing rhetorical knowledge, specifically, knowledge of the rhetorical elements that define a particular writing situation. The course is essay writing-intensive; students are expected to display an understanding of a number of standard writing components, conventions, elements, and MLA style. Furthermore, the course emphasizes critical thinking in the context of reading and writing in which students are expected to analyze, interpret, and critique while responding to assigned readings written by professionals as well as writings authored by classmates while also producing writings that demonstrate critical thinking through the expression of ideas and observations that are reasonable and well informed and the presentation of facts that are substantiated and relevant to the assigned point of view. Writing is a process in this class and both collaboration (teacher led, peer, and electronic) and presentations are required.

*Note: Expect to produce a minimum of 5,000 total words (roughly 20 total pages of written work) and complete a variety of writing assignments.*

### **6422 ENGL 1102 | English Composition II (3 credit hours)**

Grade Levels: 8, 9, 10, 11, 12

Semester

Credit: 1.00

Prerequisite: ENGL 1101.

This course, taken during the same academic year as ENGL 1101, advances skills acquired in English 1101, continuing to engage in argumentation and research writing. Further mastery of MLA style is required. English 1102 emphasizes the application of rhetorical knowledge in more challenging writing situations while focusing on persuasive and argument writing. Students will continue to strengthen their critical thinking in the context of complex reading and writings tasks. Members of the class will be expected to analyze, interpret, and critique arguments written by others, including professionals and peers. Writing and revision continues to be a collaborative process, but in the context of more challenging writing tasks.

*Note: Expect to produce a minimum of 5,000 words (roughly 20 total pages of written work) and complete a variety of writing assignments, including at least two research projects.*

## **ENGLISH ELECTIVES:**

### **8237 Creative Writing - (Language Arts Elective)**

Grade Levels: 9, 10, 11, 12

Semester

Credit: 0.50 (elective credit only)

This course is designed to advance students' abilities to express their thoughts through writing short stories, poems, and plays. Students will be expected to participate in class discussions that analyze and evaluate different writing styles including fiction, poetry, description, narration, and drama. Students will give and receive feedback through peer editing in small and full class groups. This course is geared for students seeking to enhance their writing skills and expand their approach to writing by developing their creative process. This class is for elective credit only.

### **8238 Analyzing Film 1 - (Language Arts Elective)**

Grade Level: 11, 12

Semester

Credit: 0.50 (elective credit only)

This course will dive into the methods that directors, writers, and editors use in films, ranging from early, classic films to modern, contemporary pieces. We will analyze the devices that help to create the mood, tone, and themes that are seen throughout the genres. These analysis skills will mirror those that are used in higher level literary analysis, allowing students to see the shared impact of authors' and directors' choices, thus strengthening their language arts skills. This will involve writing essays and papers, research, and presentations in order for students to demonstrate their understanding of the concepts. This class is for elective credit only.

### **8245 Analyzing Film 2 - (Language Arts Elective)**

Grade Levels: 11, 12

Semester

Credit: 0.50 (elective credit only)

Prerequisite: Completion of Analyzing Film 1

In the course, we will continue to discuss and explore the work of different directors while providing students the opportunity to practice the skills they've learned by producing a short film.

### **6382A/B Journalism - (Language Arts Elective)**

Grade Level: 10, 11, 12

Year

Credit: 1.00 (elective credit only)

Prerequisite: Honors English 1

This writing-intensive class is for first year and returning students who are interested in Journalism. The course curriculum will cover writing, interviewing, researching, and reporting while being responsible for producing and distributing the school newspaper, The Hurricane. Students will increase their knowledge of ad sales, photography, current events, as well as Adobe Photoshop and InDesign. Prior knowledge is not necessary. This class is for elective credit only.

## THEATRE DEPARTMENT

### Theatre Department Course Names

Number	Course	Grade				Length	Credit
		9	10	11	12		
6455	Theatre Arts- Text to Performance	9	10	11	12	semester	0.50
6456	Theatre Arts - Tech	9	10	11	12	semester	0.50
6475	Acting 1	9	10	11	12	semester	0.50
6476	Acting 2	9	10	11	12	semester	0.50
8363/8364	Stagecraft (can be taken multiple years)		10	11	12	semester/year	0.50/1.00
6457	Directing		10	11	12	semester	0.50

### THEATRE COURSES

#### **6455 Theatre Arts - Text to Performance**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Counts as a fine arts credit.

This course will introduce students to theatre as both a performance art form of historical significance and a practical craft requiring a wide variety of talents and practical skills. We will explore theatre from its origins up to modern Broadway musicals. Through reading, viewing, researching, and presenting, students will experience theatre history, analyze plays and playwrights, as well as gain a deeper understanding and appreciation for the theatrical arts. Though not a performance based class, students will learn about theatre and how it evolved and influenced our world today. Practical experiences within the discipline will be an important part of the class.

#### **6456 Theatre Arts - Tech**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

**Counts as a fine arts credit.**

This course takes a more in-depth, backstage, practical approach to the study of theatre. Much of this course will be hands-on and will require self-discipline and motivation. Students will get a firsthand look at set and lighting design, costume and make-up design, set construction, prop building, sound, and the entire production process. Students will learn what goes on behind the scenes for a theatre production. They may work in cooperative learning groups, where students will share their expertise and skills to teach, as well as learn from their classmates. Practical experiences within the discipline will be an important part of the class.



### **6475 Acting 1**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: None, except a desire to perform in front of peers and participate daily.

Counts as a fine arts credit.

This course is designed for students who want to study theatre/drama with an emphasis on acting. The course will provide training in reading, analyzing, and performing scenes from a variety of works by playwrights and screenwriters. The course will also provide experiences in stage movement, vocal dexterity, and emotional and imaginative expression. Practical experiences within the discipline and daily participation will be an important part of the class.

### **6476 Acting 2**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Acting 1.

Counts as a fine arts credit.

This course is designed for students who want to study acting in greater depth. The course will provide experiences on stage and examine what goes into a production from the actor's point of view. Practical experience within the discipline will be an important part of the class. Acting 2 culminates in a final project that focuses on professional and collegiate audition techniques and preparation.

### **6457 Directing (Not offered during the 2023-2024 school year)**

Grade Level: 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Above average grades in Acting I & II courses and theatre instructor's permission.

Counts as a fine arts credit.

Directing is an intermediate course that builds upon the foundation of Acting II. The workshop environment is designed to provide the student-director with a high level of experimentation in solving more advanced problems as well as learning the staging skills necessary for directing in any theatre configuration. The objective of Directing is to focus on scene work drawn from contemporary and classical plays. Beginning with silent scene work, and progressing to challenging, contemporary scripted material, Directing culminates in the direction of a one-act play as part of the Theatre at WHS Show Season. Students must complete the credit flexibility application, as this will count as an independent study.

### **8363/8364 Stagecraft**

Course Code: 8363 (Semester 1); 8364 (Semester 2)

Grade Level: 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Theatre instructor's permission.

Counts as a fine arts credit

This course will provide each student with the opportunity to experience and create all aspects of technical theatre production. Particular emphasis will be placed on scene design and construction, stage lighting, scene painting, sound design, and property building. This is a hands-on course, and participation and personal responsibility are essential. The students in this course will also be expected to prepare the stage space for all events during the school year. The capstone of our work each semester will be witnessed in the set, lighting, props, costumes, and sound for the main stage production.

## **WORLD LANGUAGE**

World language courses are designed to meet college entrance requirements. In the State of Ohio, at least two world language courses are recommended for admission into college. Students accustomed to speaking or hearing Spanish/French with relatives or caregivers should speak with the department about course placement.

### **6521A/B Spanish 1**

Grade Level: 9, 10, 11

Year

Credit: 1.00

Prerequisite: Successful completion of 8th grade English

This introductory course is designed for students with little or no previous study of Spanish. Students in Spanish 1 will be working at the novice proficiency level. We engage students in a variety of comprehensible learning activities that use repetition of language patterns, high frequency verbs, and basic vocabulary. This approach prepares students to develop language skills in all four modes—listening, speaking, reading and writing—and to engage in discourse about a variety of topics. Developing intercultural understanding of the world also is an integral part of the course. Students explore connections among cultural practices, products, and perspectives by interpreting authentic and adapted texts (both Spanish and English), class discussions, and inquiry-action projects. Successful completion of the course requires active participation and timely completion of assignments in order to practice new content and prepare for the next day's learning activities.

### **6522A/B Spanish 2**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Spanish 1

After a brief review of Spanish 1, students will further develop their interpretive, interpersonal, and presentational communication skills through a variety of comprehensible activities that incorporate familiar and unfamiliar vocabulary and language structures, supporting their transition from novice to intermediate proficiency levels. Authentic materials expose students to diverse native accents and enhance both language and cultural proficiency. In addition, students will continue to participate in intercultural discussions and dialogue. Successful completion of the course requires active participation and timely completion of assignments in order to practice new content and prepare for the next day's learning activities.

### **6523A/B Spanish 3**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Spanish 2

After a brief review of Spanish 2, students will continue to develop and increase their language acquisition in Spanish through the study of language structures at the intermediate level. In addition to participating in intercultural discussions and dialogue, students will engage in the study of language structures and vocabulary through interpretive, interpersonal and presentational activities. Aspects of contemporary Spanish and Hispanic cultures are emphasized in this class. Successful completion of the course requires active participation and timely completion of assignments in order to practice new content and prepare for the next day's learning activities.

**6524A/B Honors Spanish 4**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Spanish 3

Honors Spanish 4 is an elective course building on the Intermediate level communication skills and intercultural understanding that students acquired in their preceding years of study. Students will progress towards high intermediate and for some, advanced level proficiency levels. It is assumed that students in the Honors course are highly motivated and enthusiastic regarding all coursework. Students at this level will master advanced grammar concepts and will continue to build their vocabulary through more rigorous interpretive, interpersonal, and presentational practice in order to be able to engage in discourse on a variety of topics for diverse audiences.

**6531A/B French 1**

Grade Level: 9, 10, 11

Year

Credit: 1.00

Prerequisite: Successful completion of 8th grade English

This introductory course is designed for students with little or no previous study of French. Students will be working at the novice level. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings, class discussions and authentic resources. Studying content is an integral part of this course; it helps reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way the next day. Completion of class work and homework assignments is a must. Active participation is required.

**6532A/B French 2**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: French 1

French 2 is a full-year, college preparatory course building on the Novice-level communication skills students acquired in French 1. After a brief review of French 1, students in French 2 will cover expanded vocabulary and more in-depth culture study through more rigorous interpretive, interpersonal, and presentational practice.

**6533A/B French 3**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: French 2

In French 3, students will continue to grow in acquiring French through a dynamic exploration of Francophone texts and culture with a focus on meaningful communication at the Intermediate level of proficiency. Students who seek to build on their French language skills in a positive, rigorous environment are welcome.

**6537A/B Honors French 4**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: French 3

In Honors French 4, students continue to build their intermediate-level reading, writing, speaking, and listening skills by acquiring language using in-class discussions and authentic sources such as articles, literature, film, and music, with an emphasis on local and global challenges. Students will also have the opportunity to explore topics and projects independently.

## HEALTH AND PHYSICAL EDUCATION

### **6680 Health**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Note: This course is required for graduation. This course is designed to help students recognize their total health needs: the physical, emotional, mental and social balance necessary for a satisfying life. Through discussion, films, lectures, special projects, and guest speakers, students examine how to most appropriately deal with many realities of life.

### **6681 Independent Living & Wellness** (Health Elective)

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

This course is designed for students to learn how to live a healthy and independent lifestyle. Students will explore contemporary wellness topics through research, collaboration, guest speakers and experiences. Self-assessment and monitoring of personal nutrition and fitness plans is an integral part of this course. Students will dive into career and college exploration activities. This course also engages the students to learn about life management topics to help them meet the challenges of life and explore topics that enhance the social and emotional development of teenagers.

### **6650/6651 Physical Education**

Course Code: 6650 (Semester 1); 6651 (Semester 2)

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.25

Note: Two semesters of PE are required for graduation. Emphasis will be upon physical development. However, individual sports (i.e., archery, bowling, badminton, etc.) as lifelong recreational pursuits will be included in these courses, as well as some team sports and co-educational activities will be presented.

### **6671/6672 Athletic Power and Fitness**

Course Code: 6671 (Semester 1); 6672 (Semester 2)

Grade Level: 10, 11, 12

Semester

Credit: 0.25

Prerequisite: Recommendation of coach or instructor only.

Physical conditioning stresses the efficiency and well-being of the human body and its capacity for vigorous exercise. This course will present those fitness factors which make a contribution to the total physical fitness program of each individual athlete. These factors include strength, endurance, agility, power, and proper nutrition. Class includes weight lifting and proper technique, safety procedures, record keeping, running, flexibility, nutrition, mental preparation for competition, muscle groups and their uses, some athletic training and testing.

## MATHEMATICS

All WHS students must have four math credits to graduate. Students are to choose their courses by referring to the Mathematics Sequence Chart. Freshmen should be guided by: middle school grades, middle school teacher recommendations, and parent-teacher conferences. Individual work habits are a major factor in success.

### Math Department Course Names

Number	Course	Grade				Length	Credit
7181A/B	Algebra 1	9				year	1.00
7180A/B	Math Foundations	9				year	1.00
7200A/B	Geometry	9	10			year	1.00
7225A/B	Honors Geometry	9	10			year	1.00
7191A/B	Data Science Foundations		10	11	12	year	1.00
7195A/B	Mathematical Modeling and Reasoning		10	11	12	year	1.00
7192A/B	Honors Algebra 2		10	11		year	1.00
7260A/B	Trigonometry			11	12	year	1.00
7240A/B	Honors Pre-Calculus			11	12	year	1.00
7245A/B	AP Calculus				12	year	1.00
7275A/B	Probability & Statistics				12	year	1.00
7276A/B	AP Statistics				12	year	1.00

The only courses that may be counted toward the four required Math graduation credits are listed in the table. The following sequence is recommended:

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
College and Career Ready Students	Algebra 1 <b>And</b> Math Foundations	Geometry	Data Science Foundations or Mathematical M and R	Statistics
College and Career Ready Students	Algebra 1	Geometry	Data Science Foundations or Mathematical M and R	Trigonometry or Statistics
College and Career Ready Students High need for math Content	Honors Geometry	Honors Alg 2 or Data Science Foundations or Math M and R	Trigonometry	Statistics or AP Statistics
Honors and Advanced	Honors Geometry	Honors Algebra 2	Trigonometry	Honors Pre-Calculus or AP Statistics
Honors and Advanced	Honors Geometry	Honors Algebra 2	Honors Pre-Calculus	AP Calculus or AP Statistics

## **7181A/B Algebra 1**

Grade Levels: 9

Year

Credit: 1.00

**Prerequisite:** None. All incoming freshmen must take Algebra 1 if they did not take it in the 8<sup>th</sup> grade. If any freshman fails Algebra 1 they are to retake this course as sophomores.

**Approximate Cost:** \$10 to purchase a basic scientific calculator. Recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

This course allows students to gain the essential math skills to achieve a high school diploma and begin a track towards college and career readiness based on Ohio's Learning Standards. Algebra lays the foundation for math skills and is used throughout all math courses. An understanding of this course is important for future success in both high school and thereafter. Concepts include equation solving, statistical measures of center and constructing, comparing and interpreting linear, exponential, and quadratic functions.

## **7180A/B Math Foundations**

Grade Level: 9

Year

Credit: 1.00

Prerequisite: Instructor Approval

Approximate Cost: \$10 to purchase a basic scientific calculator; recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

Math Foundations is a course for incoming freshmen. This course requires teacher approval and is intended to aid the Algebra 1 course. Math Foundations provides the basic mathematical skills and practice students need in order to be successful in their high school math courses. This course provides an opportunity for freshmen to end their first year with two math credits. Working through the Ohio Learning Standards, this course focuses on number sense throughout the year.

## **7200A/B Geometry**

Grade Level: 9, 10

Year

Credit: 1.00

Prerequisite: Algebra 1

Approximate Cost: \$10 to purchase a basic scientific calculator; recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

This course will allow students to continue a track toward career and college readiness based on Ohio's Learning Standards. Students taking this course should have an understanding of general Algebra 1 concepts, as Algebra is used to solve problems in Geometry applications. Topics covered include a heavy emphasis on triangle study and the related theorems, including right triangle trigonometry; also, extensive study of quadrilaterals, circles, and solid geometry and their related theorems.

## **7225A/B Honors Geometry**

Grade Level: 9, 10

Year

Credit: 1.00

Prerequisite: Algebra 1

Approximate Cost: \$10 to purchase a basic scientific calculator; recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards. Students taking this course should have an understanding of general Algebra 1 concepts, as Algebra is used to solve problems in Geometry applications. Topics covered include a heavy emphasis on

triangle study and the related theorems , including right triangle trigonometry. Also, extensive study of quadrilaterals, circles, and solid geometry and their related theorems. The honors class will cover the same basic topics of geometry with more emphasis on application and proof. Students should be willing to work outside the classroom on a regular basis.

### **7191A/B Data Science Foundations**

Grade Levels: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Completed Algebra 1 and Geometry.

Approximate Cost: \$10 to purchase a basic scientific calculator. The recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

Data Science teaches students to reason with and think critically about data in all forms. Ohio's Learning Standards for Mathematics relevant to data science are taught along with the data demands of good citizenship in the 21st century. This course includes things such as describing big data; usability and usefulness of data; structured vs unstructured data; data extraction techniques; data storage; privacy issues; and data mining. (*Data Science is equivalent to an Algebra 2 credit*)

### **7195A/B Mathematical Modeling and Reasoning**

Grade Levels: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Completed Algebra 1 and Geometry.

Approximate Cost: \$10 to purchase a basic scientific calculator. The recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

Mathematical Modeling and Reasoning is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of real-world quantitative information in the context of a discipline or an interdisciplinary problem to draw conclusions that are relevant to students in their daily lives. It is just not mathematics. \*Mathematical Modeling and Reasoning is equivalent to an Algebra 2 credit\*

### **7192A/B Honors Algebra 2**

Grade Level: 10, 11

Year

Credit: 1.00

Prerequisite: Algebra I and Geometry

Approximate Cost: \$10 to purchase a basic scientific calculator. The recommended models include TI30-XIIS one line/two line, TI30-Xa, TI30-XS, or other similar scientific models.

This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards. This course will build on the students' previous work with linear, quadratic, and exponential functions. The students' work with functions will be extended to include polynomial, rational, radical, and functions. Additionally, students will model real-world situations and solve equations, such as solving quadratic equations with complex number solutions as well as solving exponential equations using logarithmic properties. Students will also explore trigonometric ratios, trigonometric functions, inverse functions, and trigonometric laws as well as some probability and statistics.



### **7240A/B Honors Pre-Calculus**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Algebra 2

Approximate Cost: \$100-\$125 to purchase a TI-83 or TI-84 graphing calculator, any edition.

This course will focus on preparing students to enter AP Calculus or college level advanced math. Students taking this course are considering a math or science field of study post-secondary. This pre-calculus course is a rigorous study of advanced algebraic concepts, functions, and their graphs and trigonometry, including graphing and trig identities.

### **7245A/B AP Calculus**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Honors Pre-Calculus

Graphing calculator required; TI-83/84 preferred, cost \$100-\$125.

This is an Advanced Placement course. Students are expected to be successful enough in this course to take the AP Calculus AB Exam in the spring and earn college credit. AP Calculus is primarily concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are important to earning a score of 3 or better on the AP exam. Topics studied will include limits, continuity, derivatives and their applications, related rates, differentials, differential equations, integration and applications of integration. This course is recommended for all students entering a mathematics-related field.

### **7260A/B Trigonometry**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Algebra 2.

This is a great course for college bound juniors or seniors who have completed Algebra 2. Trigonometry will be explored in depth both semesters. Trigonometry is required for many jobs today. A good understanding of this course will aid students in most math courses required in college. At least one project will be required each semester.

### **7275A/B Probability & Statistics**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Algebra 2.

This is a great course for college bound seniors. Probability and Statistics will be explored in depth both semesters. These topics are prevalent in many jobs today. Quality control is a growing department in all businesses. A good understanding of probability and statistics will aid students in the workforce. Many colleges require a course in statistics. Two statistical analysis papers will be written in the first semester. Another paper will be required in the second semester.

## **7276A/B AP Statistics**

Grade Level: 12

Year

Credit: 1.00

Prerequisite: Honors Pre-Calculus, Trigonometry, Algebra 2.

This course is recommended for any senior who has the desire to move forward in a math or business field at the next level. Students will be asked to analyze and critique statistical facts and have the ability to think abstractly. Students will also be expected to complete multiple statistic projects individually as well as in groups. Students will be pushed to explore topics in statistics and create their own numeric techniques. This AP course will be rigorous and push students to think above the general level of mathematical thinking. Students should be able to provide detailed explanations of all their answers and thought process as well as demonstrate strong knowledge of how math can be used in the real world. Modeling and analyzing will be expected on a daily basis in this course. This course will be equivalent in rigor to that of a college statistics course, and students will be expected to meet all state standards and have mastery knowledge of those standards. Students will be able to take the AP statistics test at the end of the year.

## MUSIC DEPARTMENT

### Music Department Course Names

Number	Course	Grade				Length	Credit
7370A/B	Symphonic Band	9	10	11	12	year	1.00
7360A/B	Wind Ensemble	9	10	11	12	year	1.00
7361A/B	Honors Wind Ensemble			11	12	year	1.00
7310A/B	Chorale	9	10	11	12	year	1.00
7320A/B	Honors Chorale			11	12	year	1.00
7330A/B	Wilmingtones	9	10	11	12	year	1.00
7331A/B	Honors Wilmingtones			11	12	year	1.00
7355	Music Appreciation	9	10	11	12	semester	0.50
7354	On-site CCP Music Appreciation	9	10	11	12	semester	1.00
7356	History of Rock and Roll	9	10	11	12	semester	0.50
7258	Music Tech	9	10	11	12	semester	0.50

#### **7310A/B Chorale/ 7320A/B Honors Chorale**

Grade Level: 9, 10, 11, 12 (7310); or 11, 12 (7320) Year

Credit: 1.00

Prerequisite: None.

Chorale is a performance based group. Prior musician experience is helpful but not required. This ensemble will have 4-5 concerts during the school year and also participate in musical opportunities as they present themselves: Students in Chorale will also have the opportunity to participate in adjudicated events, solo and ensemble contest, and honor choirs. Chorale performs engaging and challenging pieces from a variety of genres (world music, folksongs, spirituals, secular, etc.) in which we develop a serious appreciation for music. Chorale is offered as an honors-level class to students in grades 11 & 12. Honors criteria is available from the director. Chorale may be repeated in subsequent years for credit.

#### **7330A/B Wilmingtones**

Grade Level: 9, 10, 11, 12

Year

Credit: 1.00

Prerequisite: Audition.

The Wilmingtones is foremost a performance show choir. Emphasis is placed on vocal quality, ease of movement, and stage presence. Seniority is a factor in the casting of this choir. Auditions are held before a panel of musicians, and other educators as deemed desirable by the director. Performances include all Varsity Choir performances for the year, a choir contest (usually in March), and a Christmas concert in December. A serious and mature approach to music is nurtured in this performing group. Emphasis is placed in all aspects that combine to produce a professional performance. Members of the Wilmingtones will also be scheduled for several invitational performances throughout the year. This class may be repeated in subsequent years for credit.

## **7331A/B Honors Wilmingtones**

Grade Level: 11, 12

Year

Credits: 1.00

Prerequisite: Audition and at least one year's experience in Wilmingtones, Varsity Choir, or Choraliers.

The Wilmingtones is foremost a performance show choir. Honors' Wilmingtones will be available to juniors and/or seniors who have had at least one year of previous choral experience and a successful audition. Emphasis is placed on vocal quality, ease of movement, and stage presence. Seniority is a factor in the casting of this choir. Auditions are held before a panel of musicians, and other educators as deemed desirable by the director. Performances include all Varsity Choir performances for the year, a choir contest (usually in March), and a Christmas Concert in December. A serious and mature approach to music is nurtured in this performing group. Emphasis is placed on all aspects that combine to produce a professional performance. Members of the Honors' Wilmingtones will also be scheduled for several invitational performances throughout the year. The honors' nature of this course will be completed by students in addition to the requirements of the Level I Wilmingtones. To receive full honors' credit a student must successfully complete four (4) of the following eight criteria. One of the following criteria must be a research paper or series of reflective papers.

- Be in study with a private voice teacher for at least 10 weeks of each semester.
- Prepare and perform a solo at the OMEA solo and ensemble adjudicated event.
- Attend (with verification) at least four (4) choral performances from other high schools, colleges, and/or community choruses with a minimum 250 word reflective paper (each performance) describing the nature of the concert and performance.
- Be a member of a community singing ensemble and perform with that ensemble at least once.
- Be a current member of either Choraliers or Varsity Choir.
- Direct a church and/or community ensemble through at least one successful performance.
- Teach beginning music lessons (vocal, piano, or guitar) to at least one student for at least 10 weeks of each semester. (Verification required from the music student or guardian of the music student.)
- Complete a major research assignment (paper and presentation) over a composer of historical significance agreed upon by the course instructor and student. This research assignment should cover the historical impact of the composer, major works, influences, and other pertinent data. NOTE: This research assignment must be agreed upon before the end of the first quarter and must be completed before the end of the third quarter.
- Complete a major research assignment (paper and presentation) over a live, published composer of any musical genre covering similar topics to the research assignment of the historical composer. This assignment must include at least one interview with this composer. NOTE: This research assignment must be agreed upon before the end of the first quarter and must be completed before the end of the third quarter.

*This class may be repeated in subsequent years for credit.*

## **MUSIC – INSTRUMENTAL**

### **7370A/B Symphonic Band**

Grade Level: 9, 10, 11, 12

Year

Credit: 1.00

Prerequisite: Prior experience playing an instrument

Symphonic Band is a year round course and includes students in grades 9-12 that play a woodwind, brass, or percussion instrument. The Symphonic Band focuses on developing and refining instrument playing skills and performing quality music literature. Students enrolled in Symphonic Band will also have the opportunity to play in chamber ensembles, perform at solo and ensemble contests, honor bands, and play in the basketball Pep Band. The Symphonic Band will perform 4-5 concerts during the school year and also participates in outside musical opportunities as they present themselves. Symphonic Band may be repeated in subsequent years for credit.

### **7360A/B Wind Ensemble / 7361A/B Honors Wind Ensemble**

Grade Level: 9, 10, 11, 12 (7360); or 11, 12 (7361) Year

Credit: 1.00

Prerequisite: Audition/permission from director.

The Wind Ensemble represents the finest wind and percussion musicians in the high school as an advanced instrumental music class. Selection is by audition and permission of the directors. Students must demonstrate readiness to perform as a member of a small ensemble. Students will continue to develop and refine skills through performance of advanced wind literature while taking a professional approach to music making. Students selected must be available for rehearsals after school, public performances, solo and ensemble adjudicated events, and OMEA district and state contests. Freshmen and sophomores will be introduced to and adjust to the demands of advanced instrumental techniques while playing advanced literature in preparation for their instrumental leadership during their junior/senior years. Members of the Wind Ensemble will also be assigned a chamber ensemble as part of the class. Students will also be given the opportunity to participate in solo and ensemble contests, play in the basketball Pep Band, and honor bands. Wind Ensemble is offered as an honors level class to Juniors and seniors. Honors criteria is available from the director. Wind Ensemble may be repeated in subsequent years for credit.

### **7355 Music Appreciation**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Music Appreciation is a survey of music from the 18th century to the present. It includes the Classical, Romantic, and Impressionistic periods as well as musical styles from the 20th and 21st centuries.

### **7354 On-site CCP Music Appreciation**

Grade Level: 9, 10, 11, 12

Semester

Credit: 1.00

CCP Music Appreciation is a survey of music from the 18th century to the present. It includes the Classical, Romantic, and Impressionistic periods as well as musical styles from the 20th and 21st centuries. Students taking the College Credit Plus class MUST apply to and be accepted to Southern State Community College before enrolling in the course. Students not enrolled in Southern State will be moved to the regular version of the course.

**7356 History of Rock**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

This course will enhance the understanding, development, and significance of Rock and Roll in its historical and social settings. Through listening, analysis, discussion, film, and various assignments students will explore the music and the culture and society of the day

The course begins with an overview of ancestors and influences of Rock and Roll followed by the musical and social trends of the 1960s, including the influence of the British Invasion, the rock explosion, social upheaval of the late 1960's, and the changes in Rock and Roll music during the 1970s through the 1990s.

**7258 Music Tech**

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

This course is open to any student in grades 9-12 who have an interest in a technology based, non-traditional (non-performance) music class. This class will explore the science of sound, electronic music production, audio mixing, MIDI, concert and studio equipment and sound design, and the Music Business.

## SCIENCE

All Wilmington HS students must have 3 science credits to graduate: a physical science, a biological science, and an elective.

### Science Department Course Names

Number	Course	Grade				Length	Credit
7528A/B	Physical Science	9				year	1.00
7525A/B	Honors Physical Science	9				year	1.00
7530A/B	Biology		10			year	1.00
7536A/B	Honors Biology		10			year	1.00
7580A/B	Chemistry		10	11	12	year	1.00
7581A/B	Honors Chemistry		10	11	12	year	1.00
7537A/B	AP Biology			11	12	year	1.00
7590A/B	AP Chemistry			11	12	year	1.00
7630A/B	Honors Physics			11	12	year	1.00

### ELECTIVES

Number	Elective Course	Grade				Length	Credit
7670	Environmental Science: Earth Systems			11	12	semester	0.50
7671	Environmental Science: Earth's Resources			11	12	semester	0.50
7570	Animal Biology			11	12	semester	0.50
7550	Human Biology			11	12	semester	0.50
7650A/B	Earth Science			11	12	year	1.00

### Science Department Recommended Sequence Chart

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
College and Career Ready Students	Physical Science	Biology	Chemistry <b>OR</b> Elective	Elective
Honors Students	Honors Physical Science	Honors Biology	Honors Chemistry	Honors Physics <b>AND/OR</b> AP Chemistry <b>OR</b> AP Biology
Honors and Advanced Students	Honors Physical Science	Honors Biology <b>AND</b> Honors Chemistry	AP Chemistry <b>AND/OR</b> AP Biology <b>AND/OR</b> Electives	Honors Physics <b>AND/OR</b> AP Biology <b>AND/OR</b> AP Chemistry <b>AND/OR</b> Electives

### **7528A/B Physical Science**

Grade Level: 9

Year

Credit: 1.00

This is a year-long course and graduation requirement for 9th grade students. It will focus on preparing students to be college and career ready based on Ohio's Learning Standards. Throughout the year we will be taking an in-depth look at the basics of Chemistry, Physics, and Astronomy. Such topics will include the structure and interactions of matter, formation of the universe, the life cycle of stars, forces and motion, energy, waves, light, circuits, and many others.

This course will involve several labs and projects that will develop students' research and writing skills. We will also be looking at the nature of science and how science impacts our daily lives.

### **7525A/B Honors Physical Science**

Grade Level: 9

Year

Credit: 1.00

This is a year-long course and graduation requirement for 9th grade students. The class is designed for those who plan on taking AP Science classes as well as considering majoring in Science in college and will focus on preparing students to be college and career ready based on Ohio's Learning Standards. Throughout the year we will be taking an in-depth look at the basics of Chemistry, Physics, and Astronomy. Such topics will include the structure and interactions of matter, formation of the universe, the life cycle of stars, forces and motion, energy, waves, light, circuits, and many others. This course will require a strong background in math. We will be using this math to examine and explain many phenomena in our universe. This course will involve several labs and projects that will develop students' research and writing skills. Many of these will require research and work outside of school. We will also be looking at the nature of science and how science impacts our daily lives.

### **7530A/B Biology**

Grade Level: 10

Year

Credit: 1.00

This is a year-long course and graduation requirement for 10th grade students. This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards. This course is an introduction to a broad range of biological topics including: basic biochemistry, cellular processes, fundamentals of genetics, history of life, classifications, and ecology. Lab work, research, experiments and projects are required.

### **7536A/B Honors Biology**

Grade Level: 10

Year

Credit: 1.00

Prerequisite: Physical Science.

This is a year-long course and graduation requirement for 10th grade students. The class is designed for those who plan on taking AP Science classes as well as considering majoring in Science in college. It will focus on preparing students to be college and career ready based on Ohio's Learning Standards. This course is an introduction to a broad range of biological topics including: basic biochemistry, cellular processes, fundamentals of genetics, history of life, classifications, and ecology. Lab work, research, experiments and projects are required. The class will be faster paced and include more depth of content than general Biology.



### **7580A/B Chemistry**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Algebra 1; completed or taking Biology; teacher recommendation. This course counts as an advanced science.

Chemistry is a college preparatory course based on regular laboratory investigations of matter, chemical reactions, and the role of energy in those reactions. Students in Chemistry compare, contrast, and synthesize useful models of the structure and properties of matter and the mechanisms of its interactions. In addition, students enrolled in this course are expected to: 1) gain an understanding of the history of chemistry, 2) explore the uses of chemistry in various careers, 3) investigate chemical equations and problems related to personal needs and societal issues, and 4) learn and practice laboratory safety.

### **7581A/B Honors Chemistry**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Honors Physical Science and Honors Biology. This course counts as an advanced science.

Honors Chemistry is a rigorous introductory-level science course. This course broaches general chemistry topics then examines each topic more thoroughly than in Chemistry. Due to this course's heavy math component, students are expected to excel in algebra and mathematical problem solving. Topics include symbols and metric system, matter, formulas, chemical equations, atomic structure, stoichiometry, thermochemistry, nuclear chemistry, gases, solutions, bonding, acid-base theory, oxidation-reduction, pH, equilibrium, and organic chemistry. Weekly laboratory experiments and activities complement theory while emphasizing safety and science writing skills. The core of this course is a college preparatory course and its rigors will reflect a movement towards college level work; the honors augmentation activities should be similarly advanced in concept, level of thinking, and demonstrated effort. At the end of the year, students will leave with a foundation in chemical principles and concepts. In addition, a goal of this course is to prepare students for AP Chemistry.

### **7570 Animal Biology**

Grade Level: 11, 12

Semester

Credit: 0.50

Prerequisite: Biology or Honors Biology. This course counts as an advanced science.

After a brief introduction to the various zoological principles, this course will consist of the comparative study of the physiology and general ecology between animal phyla. Students will also be required to investigate species of their choice represented in those phyla. Dissection of preserved specimens and various other lab activities will be included in this course.

### **7550 Human Biology**

Grade Level: 11, 12

Semester

Credit: 0.50

Prerequisite: Biology or Honors Biology. This course counts as an advanced science.

Students will begin with body regional and directional terms. The course involves the study of body systems, their anatomy and physiology (functions). Clinical aspects, case studies, and dissections of various body parts will be part of lab activities.

### **7670 Environmental Science: Earth's Systems**

Grade Level: 11, 12

Semester

Credit: 0.50

This course introduces students to key concepts, principles and theories within environmental science. This includes studies on Earth's spheres, climate and weather, energy resources, pollution, wildlife management, land use and global environmental problems and issues. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

### **7671 Environmental Science: Earth's Resources**

Grade Level: 11, 12

Semester

Credit: 0.50

This course introduces students to key concepts, principles and theories within environmental science. This includes studies on Earth's spheres, climate and weather, energy resources, pollution, wildlife management, land use and global environmental problems and issues. Investigations are used to understand and explain the behavior of nature in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

### **7630A/B Honors Physics**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Chemistry; Pre-Cal completion or current enrollment. This course counts as an advanced science.

This course offers a general theoretical background for those interested in technical professions and college science courses. Topics studied include Newtonian mechanics, electrostatics, some direct current electrodynamics, thermodynamics, wave mechanics, selected topics in modern physics, and the mathematical techniques applicable to each of these topics. Physics problem solving is stressed. This course meets one requirement for an honors diploma.

### **7650A/B Earth Science**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisite: Physical Science and Biology

This class seeks to give students basic skills in areas of Geological studies and explore the processes which form the surface of the earth. We will introduce students to physical and chemical concepts that produce matter on earth and attempt to explain and predict its behavior. Students will gain a background for reading maps and topography. Students will engage in Mineralogy & Rock formation activities/projects.

Also explored is the environmental aspects of processes that impact soil, the oceans, freshwater systems & the atmosphere and consider how resource usage will relate to human survival in the present & future. We will also touch on the history of the Earth through the fossil record, the Solar System, and the Universe.

### **7537A/B AP Biology**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisites: Science: Successful completion of Honors Biology. This course counts as an advanced science.

This rigorous biology course is designed for the student planning to pursue a career in a medical or other biology-related field. This course will further develop previously taught life science concepts. Areas of study include: biochemistry, cells, cellular energetics, heredity, molecular genetics, evolution, and organism biodiversity. Students will also practice and sharpen their testing skills to prepare for the AP exam. Advanced laboratory and analytical skills will be applied throughout the course. **Summer work is required for this course.**

### **7590A/B AP Chemistry**

Grade Level: 11, 12

Year

Credit: 1.00

Prerequisites: Science: Successful completion of Honors Chemistry (grade of B or better); Math: Algebra II (concurrent registration in Pre-calculus is recommended);. This course counts as an advanced science.

This rigorous chemistry course is designed for the student planning to pursue a life or physical science career. This will be an in-depth study of the concepts introduced in previous chemistry courses. Advanced laboratory and analytical techniques are an integral part of this course. Areas of study include solution stoichiometry, equilibria, redox reactions, the kinetic theory of gases, solids and liquids, thermochemistry, descriptive chemistry, reaction kinetics, electrochemistry, covalent bonding, molecular shapes, quantum mechanics and a review of nuclear and organic chemistry. Students will also practice sharpening their testing skills to prepare for the AP exam. **Summer work is required for this course.**

## SOCIAL STUDIES

All WHS students must have three social studies credits to graduate. Required courses include one credit of U.S. History and one credit of Government.

### Social Studies Department Course Names

Number	Course	Grade				Length	Credit
7755A/B	Modern World History	9				year	1.00
7757A/B	Honors Modern World History	9				year	1.00
7751A/B	American History		10			year	1.00
7780A/B	Honors American History		10			year	1.00
7700A/B	American Government			11		year	1.00
7701A/B	Honors American Government			11		year	1.00

### ELECTIVES

Number	Elective Courses	Grade				Length	Credit
7740	Middle East Studies			11	12	semester	0.50
7750	Psychology			11	12	semester	0.50
7830	Sociology			11	12	semester	0.50
7760A/B	AP Psychology			11	12	year	1.00
7726	CCP Economics 2205	9	10	11	12	semester	1.00
7727	CCP Economics 2206	9	10	11	12	semester	1.00

### Social Studies Department Recommended Sequence Chart

The courses that may be counted toward the three required Social Studies graduation credits are listed below. American History & American Government are required to graduate. The following sequence is recommended:

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
College and Career Ready Students	Modern World History	American History	Government (year) <u>AND</u> Sociology (semester) <u>OR</u> Psychology (semester) <u>OR</u> Middle East Studies (semester)	Sociology (semester) <u>AND/OR</u> Psychology (semester) <u>AND/OR</u> Middle East Studies (semester)
Honors and Advanced Students	Honors Modern World History	Honors American History	Honors Government (year) <u>AND/OR</u> AP Psychology (year) <u>AND/OR</u> Sociology (semester) <u>AND/OR</u> Middle East Studies (semester) <u>AND/OR</u> Psychology (semester)	College Credit Plus Micro/Macroeconomics (year) <u>AND/OR</u> AP Psychology (year) <u>AND/OR</u> Sociology (semester) <u>AND/OR</u> Psychology (semester) <u>AND/OR</u> Middle East Studies (semester)

### **7755A/B Modern World History**

Grade Level: 9

Year

Credits: 1.00

This course examines world events from the Scientific Revolution in the 1600s to the present. Through the State of Ohio College and Career Readiness Social Studies Standards in Modern World History, students will learn about the political, economic, and social events of the course time period. Students will explore the impact and evolution of the democratic ideas, scientific and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements, the effects of global interdependence, and current issues and conflicts. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **7757A/B Honors Modern World History**

Grade Level: 9

Year

Credits: 1.00

This course examines Modern World history from the Scientific Revolution of the 1600s-Present at a rigorous pace and depth.

Honors Modern World History is designed for students who have a high interest in history and gaining a deeper understanding of cause, effect and change over time. They must demonstrate an ability to think critically and apply ideas as they have evolved. They must be able to make connections between cultures and concepts. In addition, students must be self-motivated, willing to engage in outside reading, participate in discussions, debates and projects both individual and group. All Honors Modern World History students will complete a course project that will integrate research, primary and secondary source analysis, authentic learning, and presentation skills.

Through the State of Ohio College and Career Readiness Social Studies Standards in Modern World History, students will learn about the political, economic, and social events of the course time period. In addition, historical thinking, introduced in earlier grades, will continue with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will understand how these perspectives and events came to pass and their meaning for today's citizens with particular emphasis on application, synthesis, and student relevancy.

### **7751A/B American History**

Grade Level: 10

Year

Credits: 1.00

This course examines United States history from 1877-Present. Through the State of Ohio College and Career Readiness Social Studies Standards in American History, students will learn about the political, economic, and social events of the course time period. In addition, historical thinking, introduced in earlier grades, will continue with students locating and analyzing primary and secondary sources from multiple perspectives. Students will understand how these perspectives and events came to pass and their meaning for today's citizens with particular emphasis on application, synthesis, and student relevancy.

### **7780A/B Honors American History**

Grade Level: 10

Year

Credits: 1.00

This course examines United States history from 1877-Present at a rigorous pace and depth. Honors American History is designed for students who have a high interest in American History and gaining a deeper understanding of cause, effect and change over time. They must demonstrate an ability to think critically and apply ideas as they have evolved. In addition, students must be self-motivated, willing to engage in outside reading, participate in discussions, debates and projects both individual and group. All Honors American History students will complete a course project that will integrate research, primary and secondary source analysis, authentic learning, and presentation skills.

Through the State of Ohio College and Career Readiness Social Studies Standards in American History, students will learn about the political, economic, and social events of the course time period. In addition, historical thinking, introduced in earlier grades, will continue with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. Students will understand how these perspectives and events came to pass and their meaning for today's citizens with particular emphasis on application, synthesis, and student relevancy.

### **7700A/B American Government**

Grade Level: 11

Year

Credits: 1.00

American Government is a college and career readiness course designed to follow Ohio's Learning Standards. Topics of study will include the Declaration of Independence, U.S. Constitution, The Bill of Rights, Northwest Ordinance, Federalist and Anti-federalist papers; the powers and branches of government; national, state and local government; public policy, fiscal policy, and monetary policy, and financial literacy. A common theme of the course is building the essential skills of civic engagement necessary for a functional democracy.

### **7701A/B Honors American Government**

Grade Level: 11

Year

Credits: 1.00

This course will focus on preparing students to be college and career ready based on Ohio's Learning Standards. Honors American Government is designed for students who desire a challenge and want to perform at an academic level deserving weighted credit. Topics of study will include the Declaration of Independence, U.S. Constitution, The Bill of Rights, Northwest Ordinance, Federalist and Anti-federalist papers; the powers and branches of government; national, state and local government; public policy, fiscal policy, and monetary policy, and financial literacy. A common theme of the course is building the essential skills of civic engagement necessary for a functional democracy. This course will include outside readings of complex text, deeper analysis of content, extensive writing projects including individual research, and inquiry based learning. An emphasis will be placed on strong communication, collaboration, and group problem solving. More will be expected of students inside and outside of the classroom in terms of depth and pace of learning.

### **7830 Sociology**

Grade Level: 11, 12

Semester

Credit: 0.50

Sociology is the study of human social structures and relationships. This course will be a basic introduction to sociology. Areas to be covered or discussed will include culture, groups, deviance, racial and ethnic differences, and environmental issues affecting society. Topics will also include social stratifications and the issues of poverty. A large component of this class will be class discussion.

### **7750 General Psychology**

Grade Level: 11, 12

Semester

Credits: 0.50

This course introduces students to the systematic and scientific study of human behavior and mental processes. This course will cover a brief history of psychology as a science and the different psychological theories that have evolved. It will examine and apply the scientific processes used in psychological research. Topics covered include altered states of consciousness, life-span development, personality, social psychology, causes and treatment of mental disorders among others. Students are expected to engage in discussions, cooperative and independent activities that apply the principles of psychology to their lives and the world around them.

### **7760A/B AP Psychology**

Grade Levels: 11, 12

Year

Credits: 1.00

Approximate Cost: \$91 for the AP test.

This course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas. While there is no prerequisite for this class, students are expected to read college level materials, be self-motivated as well as engage actively in discussions and group projects. There is a required summer assignment and quarterly projects.

### **7740 Middle Eastern Studies**

Grade Level: 11, 12

Semester

Credit: 0.50

This course will begin with a survey of the three great monotheistic religions of the Middle East: Judaism, Christianity, and Islam. The impact of Imperialism on political boundaries will be examined. Students will focus on the political, cultural, and economic geography of the region with emphasis on oil, the Israeli-Palestinian conflict, the Iranian Revolution, the origins and evolution of terrorism, political Islam, and U.S. involvement in the region. The course will include a mock peace conference and other performance assessments.

## **On-site CCP Economics**

Prerequisite: Acceptance in College Credit Plus through Southern State Community College.

Upon successful completion of this course, students will earn college credit. Guidelines for admission and grading are set by Southern State Community College and are subject to change between the publication of this document and the beginning of the academic year. Please note that students will be enrolled in both courses. This class is recommended only for seniors with an "A" in CP or Honors Government.

### **7726 Principles of Microeconomics 2205 (3 College Credit Hours)**

Grade Level: Open 9, 10, 11, 12

Semester

Credit: 1.00

This course will introduce you to the economic way of thinking and decision making for businesses and consumers. You will become familiar with supply and demand; how the consumer, business, and the government affect prices; and public choices vs. private choices. Classes will consist of lectures, class discussions, small group projects, videos, outside assignments and supplemental materials. Interactive class discussion is encouraged and staying current on reading assignments necessary to be able to actively participate in class discussions.

### **7727 Principles of Macroeconomics 2206 (3 College Credit Hours)**

Grade Level: Open 9, 10, 11, 12

Semester

Credit: 1.00

This course looks at the aggregate economy and its effects on businesses and consumers. Subjects that will be covered include the basic theory of national income analysis, unemployment and inflation, and monetary and fiscal policies of the federal government. Classes will consist of lectures, class discussions, small group projects, videos, outside assignments and supplemental materials. Interactive class discussion is encouraged and staying current on reading assignments necessary to be able to actively participate in class discussions.



## CAREER-TECHNICAL PROGRAMS

### Agricultural Education

1. It is permissible for students to take more than one agriculture class per year.
2. Animal and Plant Science will be offered every year as the second course in the agricultural education series.
3. Mechanical Principles will be used every year to make use of the industrial shop area, including welding and engine equipment.
4. Business Management for Agriculture and Environmental Systems and Environmental Science and Our Natural Resources will be offered every other year on a rotational basis.

22-23	23-24	24-25	25-26
AFNR	AFNR	AFNR	AFNR
Plant and Animal Science	Plant and Animal Science	Plant and Animal Science	Plant and Animal Science
Business Management	Mechanical Principles	Mechanical Principles	Business Management
Livestock Nutrition, Selection and Management	Business Management	Business Management	Mechanical Principles
Animal Anatomy and Physiology	Livestock Nutrition, Selection and Management	Animal Anatomy and Physiology	Livestock Selection, Nutrition and Management
Capstone Communication and Leadership	Capstone Communication and Leadership	Capstone Communication and Leadership	Capstone Communication and Leadership

**NOTE: Subject to change due to state course curriculum changes**

### **7950A/B Agriculture, Food and Natural Resources – FFA**

Grade Level: 9, 10, 11, 12

Year

Credit: 1.25

The first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science and management, plant and horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

#### **Texts, Publications and Materials Used:**

Three-ring Binder (not provided)

FFA Manual (not provided)

Online Subscription Services

Agri-Science Fundamentals & Applications, Third Edition (text)

FFA Horizons (magazine)

### **7955A/B Animal & Plant Science - FFA**

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

#### **Texts, Publications and Materials Used:**

Three-ring Binder (not provided)

Online Subscription Services

Introduction to Plant Science (text)

Animal Science (text)

FFA Horizons (magazine)

### **7954A/B Horticulture - FFA**

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR

This first course in the pathway focuses on the broad knowledge and skills required to research, develop, produce and market agricultural, horticultural, and native plants and plant products. Students will apply principles and practices of plant physiology and anatomy, plant protection and health, reproductive biology in plants, influences in bioengineering, plant nutrition and disorders. Environmental aspects of irrigation, chemical application, soils, and pest management will be studied and applied. Projects and activities will enable students to develop communication, leadership, and business management skills.

### **7956A/B Livestock Selection, Nutrition and Management – FFA**

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, evaluation methods, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

#### **Texts, Publications and Materials Used:**

Three-ring Binder (not provided)

Online Subscription Services

Animal Science (text)

FFA Horizons (magazine)

**7959A/B Business Management – FFA (Not offered during the 2023-2024 school year)**

Grade Level: 11, 12

Year

Credit: 1.25

Prerequisite: AFNR

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

**Texts, Publications and Materials Used:**

Three-ring binder (not provided)

Online Subscription Services

Agri-Science Fundamentals & Applications, Third Edition (text)

FFA Horizons (magazine)

**7962A/B Animal Anatomy & Physiology – FFA**

Grade Level: 11, 12

Year

Credit: 1.25

Prerequisite: AFNR

Students will examine the structure and function of the major organ systems as well as the function and principle of blood flow in animals. Students will study internal and external anatomical parts, their functions, and will investigate the relationship among these parts and systems within the body of animal. Throughout the course, students will apply the internal functions of anatomical structures to the business and industry principles of the animal industry.

**7957A/B Mechanical Principles – FFA**

Year

Credit: 1.25

Grade Level: 11, 12

Prerequisite: AFNR

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

**Texts and Materials Used:**

Three-ring Binder (not provided)

Briggs & Stratton Engine Maintenance (text)

Online Subscription Services

Home Repair and Maintenance (text)

**7963A/B Capstone: Communication & Leadership**

Year

Credit: 1.25

Grade Level: 12

Prerequisite: None.

Students will use communication and leadership skills to become effective leaders. Students will learn how to conduct research and present their results using different forms of multimedia. Students will use parliamentary procedure and interpersonal skills to run a meeting. Students will learn the importance of team building and how one's actions can affect the whole group. Students will promote diversity in their leadership skills and foster positive working relationships among their peers.

This capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural and Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument of evaluation.

## CAREER EXPLORATION

### **7938 Career Connections 1**

Grade Level: 10 & 11

Semester

Credit: .50

Career Connections 1 introduces and prepares students for basic workplace success during and after high school. Students will be eligible to receive part one of a two part credential for the National Retail Federation's Rise Up program. Students will receive hands-on training while working in the Cane Carry Out, Wilmington City Schools' food pantry. Finally, students will be eligible to earn Ohio's Career Readiness Seal through their classwork and experiential learning.

### **7939 Career Connections 2**

Grade Level: 11 & 12

Year

Credit: 1.00

Career Connections 2 continues the work begun in Career Connections One. Students will be eligible to receive part 2 of the National Retail Federation's Rise Up credential, focused on Customer Service and Sales. Students will continue their learning in the Cane Carry Out by managing the service while communicating and collaborating with the Free Store Foodbank. Students will also complete an introspective study of their Career and Personal Management through the study of Covey's 7 Habits of Highly Effective Teens.

### **7943 Career Exploration (Work Study)**

Grade Level: 11,12

Semester

Credit: .50

Prerequisite: Career Connections & Approval of Administration

Career Connections Work Study allows students to earn credit for work completed during their employment outside of Wilmington High School. Students must be gainfully employed, turn in pay stubs verifying their work on a weekly basis, and complete reflection assignments. Meeting with course coordinators during enrollment is required.

## ELECTIVES

### **6763A/B Peer Helping Peers**

Grade Levels: 10, 11, 12

Year

Credit: 1.00

Prerequisites: Interview, PHP Field Day participation, Summer Training Day

This class is a unique blend of online class work/instruction and in-class application. Students learn educational practices including communication strategies, behavior supports, motivation and reinforcement, taking data, and fostering independence. In the first year, students work toward their Autism Certification through OCALI by completing the Many Faces in Autism (1st semester) and Foundations of Evidence Based Strategies: School Age (2nd semester) modules and submitting their notes and reflection questions. Their daily class time is spent applying the lessons they are learning through the modules by supporting students in the general education classroom. Peer helpers identify and work to solve their peer's academic and social challenges by creating supports such as visuals, reinforcement systems, and accommodations.

### **6764A/B Peer Helping Peers 2**

Grade Levels: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Peer Helping Peer

The students would support those with academic and social needs plus gain 21st century skills, such as collaboration and teamwork, creativity and imagination, critical thinking, and problem solving. Peers can support one another in the general education classroom, in study hall, during elective classes, at lunch, in the hallways, after school with extracurricular activities, and more. Specifics: 1. Peers would assist student with academic or social needs from one of their classes or a different class, per teacher, intervention specialist and/or counselor recommendation. 2. Peers would assist students with academic or social needs with organization, prompts, breaks, schedule, note taking, social skills, etc. 3. Students will also be asked to complete Many Faces of Autism Certification Course - Transition Age (semester 1) as well Ocali modules (semester 2). Learning Targets: 21st century skills: 1. Critical Thinking, 2. Creative Thinking, 3. Collaborating, 4. Communicating, 5. Flexibility, 6. Initiative, 7. Social Skills, 8. Productivity, 9. Leadership.

### **6765A/B Peer Helping Peers 3**

Grade Level: 11,12

Year

Credit: 1.00

Prerequisite: Peer Helping Peer 2

The students would support those with academic and social needs plus gain 21st century skills, such as collaboration and teamwork, creativity and imagination, critical thinking, and problem solving. Peers can support one another in the general education classroom, in study hall, during elective classes, at lunch, in the hallways, after school with extracurricular activities, and more. Specifics: 1. Peers would assist students with academic or social needs from one of their classes or a different class, per teacher, intervention specialist and/or counselor recommendation. 2. Peers would assist students with academic or social needs with organization, prompts, breaks, schedule, note taking, social skills, etc. 3. Students will assist first and second year Peer Helping Peer students with their work in the classroom with their peer with disabilities. 4. Students will be asked to complete an end of the year portfolio project to include examples, stories, reflections, and learned information from all 3 years in the class.

## **6682 Life Skills “Connecting to Yourself and the World”**

Grade Level: 11, 12

Semester

Credit: 0.50

Students will have an opportunity to learn and be reflective about things they experience throughout their life and how to acknowledge, overcome obstacles, build resiliency, be empathetic, and support others in their community as they leave high school. Every student has intrinsic value, deserves to be treated with respect, and is capable of changing and growing. This class will offer a learning community with students actively engaged in their own learning and interacting with their fellow students. This learning will not only build capacity for the future, but should address current problems and challenges facing individuals and society. This class will help students advance in their pathway to college or career readiness by working on real life applications in these different areas. Students will work towards using effective communication and will have a well-developed capacity to engage in situations they will encounter in all aspects of their lives.

## **6164A/B Technology Internship - Cane Tech Squad**

Grade Level: 10, 11, 12

Year

Credit: 1.00

Prerequisite: Students will apply for this position and it will be filled after an interview process.

This course will require a 7 hour summer training session at WHS. Students will learn to troubleshoot, repair, and address technology inquiries from staff and students. Students in this course will learn about basic technology hardware, systems, and Google Apps for Education. They will be equipped to problem solve technology issues in a professional environment by providing quality customer service. Students will work with library media specialist and district technology staff. Students will participate with a qualified technology team to address technology issues experienced in the school district setting.

## **6163A/B Introduction to Computer Science- Python**

Grade Level: 9, 10, 11, 12

Year

Credit: 1.00

Prerequisite: Algebra 1

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses. The course allows students to work independently in text-based Python and in EarSketch, the musical coding platform designed by Georgia Tech, which is integrated throughout the course. The course also includes a career connections module at the end of Term 2, where students meet (via videos) individuals from different industries who use programming every day (medicine, sports, music, etc.).

### **6772 Leadership 101**

Grade Level: 10,11,12

Year

Credit: 1.00

Prerequisite: None

This course will focus on developing leadership qualities in students so that they are able to improve their own understanding of their roles in their communities. The class will improve problem solving, speaking and listening skills, and researching abilities. It will have a broader impact by creating a mentorship group that will help to improve school climate and elevate the expectations of our students and their abilities throughout all age levels and abilities.

### **6477 Speech and Communications / Oral Interpretation**

Grade Level: 11, 12

Semester

Credit: 0.50

Prerequisite: None

This semester course will take the form of a performance class. Through lecture, demonstration, improvisation, prepared presentation, and critique, students will discover and put into practice the skills necessary for effective oral communications and interpretation of literature. The presentation component of the class will allow students to develop the strategies and skills necessary for a variety of public speaking situations with an emphasis on the dramatic art of oral interpretation. Frequent individual class presentations will be a major part of this class. This course will count as a fine arts credit.

### **0020/0025 Early Dismissal and 0010/0015 Late Arrival**

Grade Level: 12

Semester

Credit: 0.00

Prerequisite: Student is in good standing for graduation / attendance/ discipline

Early release and late arrival are privileges. In order to have either on your schedule, you must meet credit and attendance requirements determined at the end of your junior year. Throughout your senior year, the administration reserves the right to revoke your early release or late arrival privilege. Student-athletes should be cautioned that late arrival and early release will not count as classes for eligibility purposes, so you will have less space in your schedule to reach your 5 required courses.

### **0030 Wilmington Success Academy**

Grade Level: 10, 11, 12

Semester

Credit: Varies

Prerequisite: Counselor Approval

Students complete courses through an online learning platform, where they work at their own pace toward scheduled due dates. A virtual teacher assigned to each student facilitates the course. Students engage and interact with multimedia content, practice skills, and check their understanding through ongoing assessments. Each course contains computer-scored and teacher-scored activities and tests that are submitted electronically. Students have 24/7 access to the course content. All recommended applicants to the program, along with his or her parent or guardian, must complete the WSA application and attend the WSA orientation session in order to be considered for admission to the program.



## **CREDIT FLEXIBILITY PROGRAM**

The Credit Flexibility Program allows students to earn units of high school credit based on an individually developed and school approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization, technology and demographics and to meet the demand for 21st century skills. It is important for students to adhere to application deadlines. Completed and approved applications should be submitted prior to starting the course. See your counselor for more information. Applications are available in the office or on the WHS website.

[Credit Flexibility Application](#)

# DIPLOMA SEALS

“Showing Readiness”

## STATE SEALS

State Defined Diploma Seals	Requirements								
<b>Ohio Means Job Readiness Seal</b>	Meet the requirements and criteria established for the readiness seal, including demonstrations of work-readiness and professional competencies.								
<b>State Seal of Biliteracy</b>	Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.								
<b>Industry-Recognized Credential Seal</b>	Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions								
<b>College-Ready Seal</b>	Earn remediation-free scores on the ACT or SAT. Remediation Free Scores are: <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><b>ACT</b></td> <td style="text-align: center;"><b>SAT</b></td> </tr> <tr> <td style="text-align: center;">English: 18</td> <td style="text-align: center;">Writing 430</td> </tr> <tr> <td style="text-align: center;">Reading: 22</td> <td style="text-align: center;">Reading 450</td> </tr> <tr> <td style="text-align: center;">Math: 22</td> <td style="text-align: center;">Math 520</td> </tr> </table>	<b>ACT</b>	<b>SAT</b>	English: 18	Writing 430	Reading: 22	Reading 450	Math: 22	Math 520
<b>ACT</b>	<b>SAT</b>								
English: 18	Writing 430								
Reading: 22	Reading 450								
Math: 22	Math 520								
<b>Military Enlistment Seal</b>	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces								
<b>Citizenship Seal</b>	Choose 1 or more of the following: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on both the American History and American Government End of Course Exam</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in appropriate classes taken through the College Credit Plus program.</li> </ol>								
<b>Science Seal</b>	Choose 1 or more of the following: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on the biology end-of-course exam</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program</li> </ol>								
<b>Honors Diploma Seal</b>	Earn one of five below: <ol style="list-style-type: none"> <li>1. Academic Honor Diploma</li> <li>2. Career-Tech Honors Diploma</li> <li>3. STEM Honors Diploma</li> <li>4. Arts Honors Diploma</li> <li>5. Social Science and Civic Engagement Honors Diploma</li> </ol>								
<b>Technology Seal</b>	Choose 1 or more of the following: <ol style="list-style-type: none"> <li>1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement Exam</li> <li>2. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program</li> <li>3. Complete a course offered through the district or school that meets guidelines developed by the Department.</li> </ol>								

(diploma seals continued)

**LOCAL SEALS**

<b>Local Defined Diploma Seals</b>	<b>Requirements</b>
<b>Community Service Seal</b>	<ol style="list-style-type: none"><li>1. 20 Hours</li><li>2. Not paid</li><li>3. Various Projects accepted</li><li>4. Complete Reflection Sheet</li><li>5. Complete Community Service Hours Chart</li><li>6. Exit Interview</li></ol>
<b>Fine and Performing Arts Seal</b>	Choose at least 1 of the following: <ol style="list-style-type: none"><li>1. Band, 4 years</li><li>2. Choir, 4 years</li><li>3. Advanced Art Classes(Above Art 2</li><li>4. Participate in 2 dramatic performances during the high school career (includes stage lighting, crew, makeup, etc). This will not include band or choir performances.</li></ol> Required: Completed Rubric with instructor/advisor
<b>Student Engagement Seal</b>	<ol style="list-style-type: none"><li>1) Participation and successful completion in at least 2 activities (clubs or athletics) during the high school career.</li><li>2) Complete Student Engagement Seal Reflection Form</li></ol>

## LAUREL OAKS CAREER CAMPUS

Laurel Oaks is one of four Great Oaks Career Campuses and serves school districts in Clinton, Fayette, and Highland counties with career-technical programs. The campus is located next to the Wilmington Air Park.

High school students residing in participating school districts may attend Laurel Oaks (or any Great Oaks campus) and earn certification in a career field as well as college credit while completing their high school requirements. Students attending Laurel Oaks receive a high school diploma from their home school when they complete their graduation requirements. They may participate in their high school's commencement exercises.

Career programs at Laurel Oaks include Animal Science and Management, Automotive Refinishing & Collision Repair, Automotive Service Technician, Aviation Maintenance Technician, CareerX, Construction Technologies, Cosmetology, Dental Assisting, Digital Arts and Design, Early Childhood Education, Equine (Horse) Science and Management, Exercise Science and Sports Medicine, Health Technology, Heavy Equipment Operations and Engineering, IT Academy, Industrial Diesel Mechanics, and Welding. Other career programs are available at other Great Oaks campuses; for a complete list go to [hs.greatoaks.com](https://hs.greatoaks.com).

Students at Laurel Oaks use labs, equipment, and tools that are used in industry. For instance, Equine Science students care for and train horses in the Laurel Oaks stables; Aviation Maintenance students work on a variety of airplanes, Dental Assisting students learn in a dental office lab, etc.

Daily transportation is provided to and from the Laurel Oaks campus. Students who wish to enroll at Live Oaks (Milford), Scarlet Oaks (Sharonville), or Diamond Oaks (Dent) should see a counselor for more information.

Students attending Laurel Oaks may participate in all extra-curricular activities at their home school if scheduling and transportation can be arranged.

Attendance at Laurel Oaks is free for high school students.

Applicants should be on track to earn at least the following minimum core academic credits by the end of their sophomore year:

- 2 English credits
- 2 Math credits
- 1-2 Science credit(s) *Minimum Science Credit(s) is determined by affiliated school graduation requirements*
- 1-2 Social Studies credit(s) *Minimum Social Studies Credit(s) is determined by affiliated school graduation requirements*

## SCHEDULE PLANNING TABLE

Semester	Semester
1.	
2.	
3.	
4.	
5.	
6.	
7.	

### Alternative Course Options

- 1.
- 2.
- 3.

### NOTES