

WILMINGTON HIGH SCHOOL



WILMINGTON CITY SCHOOLS

COURSE SELECTION GUIDE 2018-2019

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VISION STATEMENT

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

A 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

To graduate from WHS, a student must successfully complete 23 credits and meet state testing requirements listed below. These credits must include the following specified course requirements:

English	4
Mathematics*	4
Social Studies**	3
Science***	3
Health	½
Physical Education****	½
Technology	½
Fine Art*****	1

*Mathematics requirements must include one credit of Algebra 2 or its equivalent.

**Social Studies requirements must include one credit of U.S. History, and one credit of Government.

***Science requirements must include one credit of physical science, one credit of biological science, and one credit of advanced science.

*****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, 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 7th or 8th grade Band or Choir class(es) to count for this credit requirement.

Additional Graduation Requirements—2019 and 2020

The Ohio Department of Education continues to update graduation requirements on their website. Please go to the following website for the latest information:

<http://education.ohio.gov/Topics/What-s-Happening-with-Ohio-s-Graduation-Requirement>

Overall Graduation Points:

Students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests.

The courses in which students take an end-of-course exam will be:

English I and II

Algebra I and Geometry

Biology

American History and American Government.

Students can earn from 1-5 points for each exam, based on their performance:

5 – Advanced

4 – Accelerated

3 – Proficient

2 – Basic

1 – Limited

Students will need 18 total points to graduate under this option, with the minimum number needed in each area:

- English - 4 points
- Mathematics - 4 points
- Science and Social Studies - 6 points

A student completing a CCP course in American history or American government will not need to sit for the EOC tests in the subject area and may earn graduation points based on the letter grade in the course. While students can earn graduation points for CCP coursework and AP/IB test scores in biology, all students must take the biology EOC. CCP students may use their course grade and AP/IB students may use their test scores OR the biology end-of-course test score to earn graduation points, whichever is higher. There are no CCP/AP/IB substitutions for mathematics or English language arts.

All students must also meet one of the following:

1. Earn a cumulative passing score on seven EOCs. The scores will be set by the State Board of Education.
2. Earn a “remediation-free” score on a nationally recognized college admission exam such as ACT or SAT.
3. Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

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 I	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
Totals		27.0	7.0

GPA: GPA Points Earned divided by credits earned

Example: 27.0/7.0=3.86

COMPARISON OF DIPLOMAS 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 2017 and Beyond	Career-Technical Diploma With Honors for Graduating Classes 2017 And Beyond
English	4 Units	4 Units
Mathematics	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
Science	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
Social Studies	4 units	4 units

World Language	3 units of one world language OR 2 units each of two different world languages	2 units of one world language
Fine Arts	1 unit	Not counted toward requirements
Electives	Not counted toward requirements	4 units of Career-Technical minimum. Complete four units of career-technical education courses.
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ WorkKeys	27 ACT/1280/SAT	27 ACT/1280/SAT/WorkKeys: 6 or higher on Reading & 6 or higher on Applied Mathematics
Additional Assessment	Not Applicable	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.
Field Experience & Portfolio	Not Applicable	Complete a field experience & document experience in a portfolio. Develop a comprehensive portfolio.

STUDENTS' 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.
- 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 student be successful in the course. The plan may include: tutoring, homework completion plan, origination 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 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. See your school counselor for more details.

TIMETABLE FOR POST-SECONDARY PLANNING

GRADE 9

- This year begins your official high school record. Your grades will be recorded on the cumulative transcript.
- Get to know your counselor and let them get to know you. Visit with your counselor frequently so that your adjustment to high school will be the best possible. Take advantage of all the services offered through the school’s counseling program.
- Do as well as you can academically and seek assistance whenever needed.
- Participate in career exploration programs whenever possible.
- Participate in extracurricular activities.
- Participate in community/volunteer services.

GRADE 10

- Continue working with your counselor concerning academic progress.
- Work hard at your academics and continue your involvement in extracurricular activities.
- Research career areas related to your interests by using the resource materials available in your counseling office and library.
- Visit Laurel Oaks.

- Participate in community/volunteer services.
- Take the ACT/SAT (especially if taking Algebra 2 as a sophomore).
- Visit the College/Career Fair.

GRADE 11

- Communications with your counselor becomes more important in the second half of your high school experience.
- Continue your involvement in extracurricular activities.
- Work hard at giving a solid academic performance.
- Eleventh grade is particularly important, so make your best effort.
- Continue your career research and begin matching your interest with career possibilities.
- Begin your college research.
- Register and take the Preliminary Scholastic Aptitude Test (PSAT) in October.
- Visit the College/Career Fair.
- Take part in all special programs developed by the guidance department, such as college representative visits, job shadowing, financial aid night, etc
- Participate in community/volunteer services.
- NCAA Clearinghouse must be filed at the **end** of your junior year.

SUMMER BETWEEN GRADE 11 AND GRADE 12

- Visit colleges you have identified as potential choices.
- Have an interview with an admissions representative.
- Send for college applications or begin completing your applications online.
- Participate in community/volunteer services.

GRADE 12

- Take the ACT/SAT, if you have not done so already.
 - Continue communication with your counselor.
 - Maintain a solid, quality academic program.
- Colleges evaluate your progress in your final year of high school. They review all four years of high school when processing your application for admission. Acceptance for admission at most colleges is provisional, pending receipt of your final grades. This means that if you choose to “slack” during your last few months of high school, your admission status may change.
- Complete college visits early in your senior year.
 - Pay close attention to announcements, e-mails and the district website for information.
 - Prepare applications and transcript request forms and get them to your counselor. Adhere to deadlines.

- Beware of early application deadlines, especially applications to special programs.
- Inform your counselor when you have made a decision as to what you will do after graduation (attend a particular college, accept a job, enter the military, etc.).
 - If you are interested in the military, visit and meet with your local recruiters about school and career opportunities. Check with your counselor regularly.
- Graduate and feel comfortable about your plans because you know you have put effort into the decision-making process.

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. See your counselor for more information. Applications are available in the office or on the WHS website.

2018-19 ACT Test Dates

September 8, 2018

October 27, 2018

December 8, 2018

February 9, 2019*

April 13, 2019

June 8, 2019

July 13, 2019*

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 the semester exams of the current school year, and must have all passing grades for nine-weeks and semester exam grades (grades which appear on the report card).

ART DEPARTMENT

Visual Arts Course Names

Course #	Course	Prerequisite	Length	
6001	Art 1, A: Intro to Visual Arts (1st semester only)	none	semester	0.50
6002	Art 1, B: Intro to Studio Arts (2nd semester only; must complete Intro to Visual Arts, Sem. 1)	Art 1, A	semester	0.50
6004	Analyzing Art, Art Beginnings	none	semester	0.50
6009	Analyzing Art, Art Today	none	semester	0.50
6010	Photography 1,A: Intro to Digital Photography (1st semester only)	Art 1, A & B	semester	0.50

6013	Photography 1,B: Digital Media and Photography (2nd semester only)	Art 1, A & B, & Photography 1, A	semester	0.50
6014	Photography 2: Digital and Film Photography	Photography 1, A & B	semester	0.50
6011	Ceramics 1	Art 1, A & B	semester	0.50
6015	Ceramics 2	Ceramics 1	semester	0.50
6003	Art 2, A: Illustration and Mixed Media (1st semester only)	Art 1, A & B	semester	0.50
6016	Art , B: Mixed Media Studio Arts (2nd semester only)	Art 2, A	semester	0.50
6005	Art 3	Art 2, A & B	year	1.0
6007	Art 4	Art 3	year	1.0

Visual Art Recommended Sequence Chart

You may begin your visual art education at any time at WHS. Some students start immediately their freshman year; others wait until their junior or senior year to get involved. For that reason, the chart below is not listed by grade level (9th, 10th, 11th, 12th), but first, second, third, fourth, fifth and sixth art courses to be taken. The following sequence is recommended:

	First Art Course	Second Art Course	Third Art Course	Fourth Art Course	Fifth Art Course	Sixth Art Course
Students interested in obtaining minimum fine arts requirement for graduation (1 credit) through art courses	Art 1, A Semester 1 (Intro to Visual Fine Arts) OR Analyzing Art	Art 1, B Semester 2 (Intro to Studio Arts) OR Analyzing Art				

Students interested in sculptural and 3-D art production	Art 1, A Semester 1	Art 1, B Semester 2	Ceramics 1	Ceramics 2		
Students interested in digital media and photography .	Art 1, A Semester 1	Art 1, B Semester 2	Photography 1, A Semester 1 (Intro to Digital Photography)	Photography 1, B Semester 2 (Digital Media and Photography)	Photography 2, (Digital and Film Photography)	
Students interested in pathway to Art 4.	Art 1, A Semester 1 (Intro to Visual Fine Arts)	Art 1, B Semester 2 (Intro to Studio Arts)	Art 2, A Illustration and Mixed Media (1st semester only)	Art 2, B Mixed Media Studio Arts (2nd semester only)	Art 3	Art 4

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 first semester 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.

6002 Art 1, B: Introduction to Studio Arts (Semester 2)

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Art 1: Introduction to Visual Arts.

Counts as a fine arts credit.

The second semester of Art 1 is intended to continue the exploration of different art techniques with an emphasis on visual problem solving in a more independent manner. Students will be asked to focus on the planning process by brainstorming, making final sketches, and mapping ideas. Students will reflect on artwork by learning

how to talk about the process of making art, reflecting on their art, and envisioning the next steps. Students will also begin to critique artwork to become better prepared when assessing their own work and the work of others.

6004 Analyzing Art, Art Beginnings

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.

6009 Analyzing Art, Art Today

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: None.

Counts as a fine arts credit.

This course is designed to explore the art we know today. Students will watch brief films and learn about art techniques starting from the Italian Renaissance up to art made in present day. This is not a studio based art course, but there will be small art projects due at the end of each unit of study.

6010 Photography 1-A: Introduction to Digital Photography (Semester 1)

Grade Level: 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Both Art 1, A & B

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.

6013 Photography 1-B: Digital Media and Photography (Semester 2)

Grade Level: 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Both Art 1, A & B & Photography 1, A.

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 continue to learn the digital photo process by operating a DSLR camera to create interesting compositions. Students will also learn about editing techniques by using digital editing software.

6014 Photography 2: Digital and Film Photography

media 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.

6016 Art 2, B: Mixed Media Studio Arts

Grade Level: 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Both Art 1A & B & Art 2, A

Counts as a fine arts credit.

This course continues with a more in-depth study of ideas, theories and experiences introduced in Art 1 and Art 2: Illustration and Mixed Media. Students will develop the ability to visually problem-solve in a more independent manner as a greater variety of tools, techniques, and methods will be learned and practiced. 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.

6005 Art 3

Grade Level: 11, 12

Year

Credit: 1.0

Prerequisite: Art 2 A & B

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.

6007 Art 4

Grade Level: 12

Year

Credit: 1.0

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: 0.5

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.

7060 Yearbook Production

Grade Level: 10, 11, 12

Year

Credits: 1.0

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: 0.5

Prerequisite: None.

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.

7945 Introduction to Engineering Design (IED)

Grade Level: 9, 10, 11, 12

Year

Credit: 1.0

Prerequisite: Algebra I or teacher recommendation

This course can fulfill the graduation requirement for technology.

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.

7946 Principles of Engineering (POE)

Grade Level: 10, 11, 12

Year

Credit: 1.0

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

This course can fulfill the graduation requirement for technology.

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

7948 Digital Electronics (DE)

Grade Level: 11, 12

Year

Credit: 1.0

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

7949 Aerospace Engineering

Grade Level: 11, 12

Year

Credit: 1.0

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
6301	English 1	9			year	1.0
6303	Honors English 1	9			year	1.0
6305	English 2		10		year	1.0
6307	Honors English 2		10		year	1.0
6320	English 3			11	year	1.0
6330	Honors English 3			11	year	1.0
6495	AP Language and Composition			11	year	1.0
6470	Senior Reading Theory and Application				12 semester	0.5

6415	Technical Writing				12	semester	0.5
6360	Honors British Literature				12	year	1.0
6332	AP English Literature and Composition				12	year	1.0
6421	College Credit Plus English 1101/1102	9	10	11	12	year	2.0
	Elective Course	Grade				Length	Credit
8237	Creative Writing	9	10	11	12	semester	0.5
8238	Analyzing Film		10	11	12	semester	0.5
8245	Analyzing Film 2			11	12	Semester	0.5
6382	Journalism		10	11	12	year	1.0
8245	WHS Teacher Academy			11	12	Year	1.0
8227	World Literature: Traveling without a passport			11	12	semester	0.50

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:

	9th Grade	10th Grade	11th Grade	12th Grade
College and Career Ready Students	English 1	English 2	English 3	Senior Reading Theory (semester) <i>PLUS</i> Technical Writing (semester)

Honors and Advanced Students	Honors English 1	Honors English 2	Honors English 3 (year) OR AP English Composition and Language (year)	Honors British Literature (year) OR AP English Literature and Composition (year) OR College Credit Plus English Composition (year)
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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 and Honors Composition). Senior classes require reading prior to the beginning of each semester.
3. Honors Composition is required for all seniors not enrolled in Technical Writing, AP English, or College Credit Plus.

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:

6301 English 1

Grade Level: 9

Year

Credit: 1.0

Prerequisite: Completion of 8th grade English.

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. **Summer reading is required.**

6303 Honors English 1

Grade Level: 9

Year

Credit: 1.0

Prerequisite: 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:

6305 English 2

Grade Level: 10 **Year** **Credit: 1.0**
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. **Summer reading is required.**

6307 Honors English 2

Grade Level: 10 **Year** **Credit: 1.0**
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. **Summer reading is required.**

11th GRADE ENGLISH:

6320 English 3

Grade Level: 11 **Year** **Credit: 1.0**
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. **Summer reading is required.**

6330 Honors English 3

Grade Level: 11 **Year** **Credit: 1.0**

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.**

6495 Advanced Placement Language and Composition

Grade Level: 11

Year

Credit: 1.0

Prerequisite: A 3.5 average in Honors English 2 or recommendation or approval of instructor.

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:

6470 Senior Reading Theory and Application

Grade Level: 12

Semester

Credit: 0.50

Prerequisite: Completion of English 3.

This course may be used to meet one semester of the senior English graduation requirement. 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. This course will also focus on preparing students to be college and career ready based on Ohio's Learning Standards which include reading, speaking and listening, and language skills. Required 9 weeks projects are employed to prepare the students for a variety of post-secondary options. **Summer reading is required.**

6415 Career and Technical Writing

Grade Level: 12

Semester

Credit: 0.50

Prerequisite: Completion of English 3.

This course may be used to meet one semester of the senior English graduation requirement. 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. This course will also focus on preparing students to be college and career ready based on Ohio's Learning Standards which include writing, speaking and listening, and language skills. Writing practice will center on the three major modes: narrative, informative, and argumentative. A major component of this course will be a mock-interview project.

6360 Honors British Literature

Grade Level: 12

Year

Credit: 1.0

Prerequisite: Honors English 3 or recommendation or approval of instructor.

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.**

6496 Advanced Placement English Literature and Composition

Grade Level: 12

Year

Credit: 1.0

Recommended: A 3.5 average in Honors English 3 or a B or higher in AP Language and Composition or recommendation or approval of instructor.

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: 1.0

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: 1.0

Prerequisite: ENGL 1101.

This course, taken during the same academic year as ENGL 1101, advances skills acquired in English 1101, continuing to engage 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: 10, 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: 10, 11, 12

Semester

Credit: 0.50 (elective credit only)

Prerequisite: Completion of Analyzing Film 1, earned at least an 80%, or obtained teacher signature

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.

6382 Journalism - (Language Arts Elective)

Grade Level: 10, 11, 12

Year

Credit: 1.0 (elective credit only)

Prerequisite: Honors English 1 or approval of instructor.

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***

8245 WHS Teacher Academy

Grade Levels: 11, 12

Year

Credit: 1.0 (Elective Credit Only)

Prerequisite: 3.0 GPA and teacher recommendation

This course cannot be substituted for a required English course (Language Arts elective only)

A new course which would introduce students to the field of education. Students would focus on educational psychology, practices such as UDL, effective lesson planning, differentiation, etc. Students would have experiences observing and tutoring other students. This is an honors class designed to prepare high school juniors and seniors to become teachers. WHS Teacher Academy is an innovative, experiential curriculum where students will gain knowledge about teaching and learning. The skills mastered will be helpful in college and career. Students will analyze and practice specific skills related to being an education as well as develop basic career skills. This is a year-long elective where students will have a chance to make a difference with the children they come in contact with as they "try out" teaching. An important part of the Academy experience is to practice what they study through hands-on involvement with students in a Wilmington City Schools classroom. Students will work for an experienced teacher for a minimum of 50 hours. ***This class is for elective credit only.***

8227 World Literature: Traveling without a passport

Grade Level: 11, 12

Semester

Credit: 0.50 (Elective Credit Only)

Prerequisite: English II

This course cannot be substituted for a required English course (Language Arts elective only)

World Literature will take students on a literary journey through time and space to visit cultures, beliefs, and experiences. Student will be able to strengthen their close reading and analysis skills by making connections within and across the different cultures while reflecting upon their own culture and beliefs. ***This class is for elective credit only.***

THEATRE DEPARTMENT

Theatre Department Course Names

Number	Course	Grade				Length	Credit
6455	Theatre Arts 1	9	10	11	12	semester	0.50
6456	Theatre Arts 2	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	0.50/1.0
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THEATRE DEPARTMENT

6455 Theatre Arts 1

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 an 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 through the Renaissance. Through reading, viewing, researching, and presenting, students will experience theatre history, playwriting, set and lighting design, costume and make-up design, set construction, and the production process. Practical experiences within the discipline will be an important part of the class.

6456 Theatre Arts 2

Grade Level: 9, 10, 11, 12

Semester

Credit: 0.50

Prerequisite: Final grade of B or better in Theatre Arts 1.

Counts as a fine arts credit.

This course will take a more in-depth approach to study of theatre. This course picks up with Restoration theatre through modern stage musicals. Students will be asked to build upon the foundation developed in Theatre Arts 1. Much of this course will be hands-on and will require self-discipline and motivation. Students will get a firsthand look at what goes on behind the scenes for a theatre production. They will be asked to work in cooperative learning groups, where students will need to share their expertise and skills to teach, as well as learn, from their classmates.

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: Final grade of B or better in 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

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.

FOREIGN LANGUAGE

Foreign language courses are designed to meet college entrance requirements. In the State of Ohio, at least two foreign language courses are recommended for admission into college.

6521 Spanish 1

Grade Level: 9, 10, 11

Year

Credit: 1

This introductory course is designed for students with little or no previous study of Spanish. 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.

6522 Spanish 2

Grade Level: 10, 11, 12

Year

Credit: 1

Prerequisite: Spanish 1 with a required final grade of “C” or better. It is critical for students to have mastered the fundamental basics of the language to be able to transition to the next level.

After a brief review of Spanish 1, students will continue to further develop and improve listening, speaking, reading and writing skills transitioning from the novice to intermediate levels. Emphasis is placed on comprehension of Spanish, as well as, reading and writing practice in the target language using a variety of activities incorporating familiar vocabulary and structures. Supplementary materials are introduced to enhance language use.

6523 Spanish 3

Grade Level: 11, 12

Year

Credit: 1

Prerequisite: Spanish 2 with a recommended “B” or better.

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. Students will be engaged in a study of language structures and vocabulary through reading, listening, speaking, and writing activities. Aspects of contemporary Spanish and Hispanic cultures are emphasized in this class. Students will be assessed using a variety of methods including: oral and written tests and quizzes, classroom discussions and interactive activities, oral/aural assignments, presentations, dialogues, short compositions, and other displays.

6524 Honors Spanish 4

Grade Level: 12

Year

Credit: 1

Prerequisite: Spanish 3 with a recommended “B” or better.

Honors Spanish 4 is an elective course building on the Intermediate level communication skills students acquired in Spanish 3 and moving towards advanced level proficiency. 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.

6531 French 1

Grade Level: 9, 10, 11

Year

Credit: 1

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.

6532 French 2

Grade Level: 10, 11, 12

Year

Credit: 1

Prerequisite: French 1 required final grade of “C” or better. It is critical for students to have mastered the fundamental basics of the language to be able to transition to the next level.

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.

6533 French 3

Grade Level: 11, 12

Year

Credit: 1

Prerequisite: French 2 with a recommended “B” or better.

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.

6537 Honors French 4

Grade Level: 12

Year

Credit: 1

Prerequisite: French 3 with recommended “B” or better

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.

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.

Athletic Power and Fitness

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

Grade Level: 9, 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
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7181	Algebra 1	9				year	1.0
7200	Geometry	9	10	11		year	1.0
7225	Honors Geometry	9	10			year	1.0
7270	Applications of Algebra/Geometry		10			year	1.0
7190	Algebra 2		10	11	12	year	1.0
7192	Honors Algebra 2		10	11		year	1.0
7260	Trigonometry			11	12	year	1.0
7194	Real World Algebra 2				12	year	1.0
7240	Honors Pre-Calculus			11	12	year	1.0
7245	AP Calculus				12	year	1.0
7275	Probability & Statistics				12	year	1.0
7276	AP Statistics				12	year	1.0

Math Department Recommended Sequence Chart

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 th Grade	10 th Grade	11 th Grade	12 th Grade
College and Career Ready Students	Algebra 1	Applications of Algebra Geometry	Geometry	Algebra 2 or Real World Algebra 2

College and Career Ready Students	Algebra 1	Geometry	Algebra 2	Trigonometry or Statistics
College and Career Ready Students High need for math content	Honors Geometry	Honors Algebra 2 or Algebra 2	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

7181 Algebra 1

Grade Levels: 9, 10

Year

Credit: 1

Prerequisite: None. All incoming freshmen must take Algebra 1 if they did not take it in the 8th 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 covered include; solving single-step and multi-step equations, graphing linear equations and the quadratic formula.

7200 Geometry

Grade Level: 9, 10, 11

Year

Credit: 1

Recommended: A or B in Algebra 1, C with teacher recommendation. Or pass Applications of Algebra/Geometry.

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.

7225 Honors Geometry

Grade Level: 9, 10

Year

Credit: 1

Recommended: A in Algebra 1 or B with teacher recommendation.

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.

7270 Applications of Algebra and Geometry

Grade Level: 10, 11

Year

Credit: 1

Prerequisite: Intended for students who had difficulty in 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.

The Math Department strongly believes that Algebra 1 skills are essential for a successful completion of 4 units of math. Therefore, this class is intended to bridge the gap between Algebra 1 and Geometry. The class will begin with a brief review of computation skills, including integers, exponents, and radicals. The review will be followed by further study of the Algebra 1 concepts of equation solving, ratios and proportions and related application, and graphing linear functions. As the class moves into the 2nd semester, the emphasis changes to an early introduction of the concepts in Geometry.

7190 Algebra 2

Grade Levels: 10, 11, 12

Year

Credit: 1

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.

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 student's 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 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, as well as some probability and statistics.

7192 Honors Algebra 2

Grade Level: 10, 11

Year

Credit: 1

Prerequisite: A or B in Algebra I and Honors 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.

7194 Algebra 2 for the Real World

Grade Level: 12

Year

Credit: 1

Recommended: Teacher recommendation only.

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.

Students taking this course must be entering/in their senior year and have the recommendation of their math teacher. This course will focus on the basics of Algebra 2; graphing and solving quadratics, behaviors of graphs, functions, and rational equations.

7240 Honors Pre-Calculus

Grade Level: 11, 12

Year

Credit: 1

Prerequisite: A or B in Honors 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.

7245 AP Calculus

Grade Level: 12

Year

Credit: 1

Prerequisite: A or B in 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.

7260 Trigonometry

Grade Level: 11, 12

Year

Credit: 1

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.

7275 Probability & Statistics

Grade Level: 12

Year

Credit: 1

Prerequisite: Senior standing and passed 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 the second semester.

7276 AP Statistics

Grade Level: 12

Year

Credit: 1

Prerequisite: Receiving a C or higher in Pre-Calculus, receiving an A or B in Trigonometry with a recommendation from that teacher, receiving an A or B in Honors Algebra 2, or receiving all A's in general Algebra 2 with a recommendation from the teacher.

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 rigour 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	Cred it
7370	Symphonic Band	9	10	1 1	12	year	1
7360	Wind Ensemble	9	10			year	1
7361	Honors Wind Ensemble			1 1	12	year	1

7320	Varsity Choir	9	10	1 1	12	year	1
7310	Choraliers	9	10	1 1	12	year	1
7330	Wilmingtones	9	10	1 1	12	year	1
7331	Honors Wilmingtones			1 1	12	year	1
7355/7354	Music Appreciation/On-site CCP Music Appreciation (not offered 2018-19)					semester	0.50
7356	History of Rock and Roll					semester	0.50
7358	Music Tech	9	10	1 1	12	semester	0.50

**This course can help you achieve 1/2 of your Fine Arts graduation requirement.

7310 Choraliers

Grade Level: 9, 10, 11, 12

Year

Credit: 1.0

Prerequisite: Audition.

The Choraliers is open to any Wilmington High School student by audition. One year of Varsity Choir is helpful. Performances include all Varsity Choir performances, 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. The Choraliers is a premier singing ensemble. Emphasis is placed on vocal quality, balance and blend between sections. Members of the Choraliers may also be scheduled for other invitational performances throughout the year. This class may be repeated in subsequent years for credit.

7320 Varsity Choir

Grade Level: 9, 10, 11, 12

Year

Credit: 1

Varsity Choir is the introductory level choir at Wilmington High School. It is open to anyone in grades 9 through 12, with no audition required. It is a performing choir, with approximately four performances per year. Emphasis is placed on three areas: 1. Producing a good sound. 2. Reading music. 3. Singing expressively. Various written assignments are given during the course of the semester to allow for improvements in these three areas. A variety of music is used, including songs from Broadway musicals, classical and popular styles. This class may be repeated in subsequent years for credit.

7330 Wilmingtones

Grade Level: 9, 10, 11, 12

Year

Credit: 1

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 on 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.

7331 Honors Wilmingtones

Grade Level: 11, 12

Year

Credits: 1

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 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

7370 Symphonic Band

Grade Level: 9, 10, 11, 12

Year

Credit: 1

Prerequisite: Prior experience playing an instrument

The focus of the Symphonic Band is on the fundamentals of playing an instrument and building ensemble playing skills. It may be repeated in subsequent years for credit. 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 play 4-5 concerts outside of the school-day throughout the school year as a part of the class.

7360 Wind Ensemble / 7361 Honors Wind Ensemble

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

Year

Credit: 1

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. It may be repeated in subsequent years for credit. Students will continue to develop and hone skills through performance of advanced wind literature and 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 in the junior/senior years. Members of the Wind Ensemble will also be assigned a chamber ensemble which is 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. Juniors and seniors will have the option to enroll in Honors Wind Ensemble and receive honors credit. Honors criteria is available from the director.

7355 Music Appreciation / 7354 On-site CCP Music Appreciation

****Not Offered for 2018-19**

Grade Level: 9, 10, 11, 12

Semester

Credit: 1

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.

7356 History of Rock (not offered for 2018-19)

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
7528	Physical Science	9				year	1.0
7525	Honors Physical Science	9				year	1.0
7530	Biology		10			year	1.0
7536	Honors Biology		10			year	1.0
7580	Chemistry		10	11	12	year	1.0
7581	Honors Chemistry		10	11	12	year	1.0
7537	AP Biology			11	12	year	1.0
7590	AP Chemistry			11	12	year	1.0
7630	Honors Physics			11	12	year	1.0
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
7650	Earth Science			11	12	year	1.0

SCIENCE DEPARTMENT RECOMMENDED SEQUENCE CHART

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

7528 Physical Science

Grade Level: 9

Year

Credit: 1

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.

7525 Honors Physical Science

Grade Level: 9

Year

Credit: 1

Prerequisite: "A" in 8th grade science; have taken and earned at minimum a "C" in Algebra 1; teacher recommendation.

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.

7530 Biology

Grade Level: 10 **Year** **Credit: 1**

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.

7536 Honors Biology

Grade Level: 10 **Year** **Credit: 1**

Prerequisite: "A/B" in Honors Physical Science; teacher recommendation.

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.

7580 Chemistry

Grade Level: 11, 12 **Year** **Credit: 1**

Prerequisite: Algebra 1; completed or taking Biology; teacher recommendation.

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.

7581 Honors Chemistry

Grade Level: 10, 11, 12 **Year** **Credit: 1**

Prerequisite: "A/B" in Honors Physical Science and Honors Biology; teacher recommendation.

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 with a “C” or better.

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 with a “C” or better.

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.

7630 Honors Physics

Grade Level: 11, 12

Year

Credit: 1

Prerequisite: Chemistry; Pre-Cal completion or current enrollment.

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.

7650 Earth Science

Grade Level: 11, 12

Year

Credit: 1

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.

7537 AP Biology

Grade Level: 11, 12

Year

Credit: 1

Prerequisites: Science: Successful completion of Honors Biology (recommended grade of "B" or better); teacher recommendation.

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.**

7590 AP Chemistry

Grade Level: 11, 12

Year

Credit: 1

Prerequisites: Science: Successful completion of Honors Chemistry (grade of B or better); Math: Algebra II (concurrent registration in Pre-calculus is recommended); teacher recommendation.

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 is 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
7755	Modern World History	9				year	1.0
7757	Honors Modern World History	9				year	1.0
7751	American History		10			year	1.0
7780	Honors American History		10			year	1.0
7700	American Government			11		year	1.0
7701	Honors American Government			11		year	1.0
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
7760	AP Psychology			11	12	year	1.0
7726	CCP Economics 2205/2206	9	10	11	12	year	2.0

Social Studies Department Recommended Sequence Chart

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

	9 th Grade	10 th Grade	11 th Grade	12 th 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)

7755 Modern World History

Grade Level: 9

Year

Credits: 1

This course examines world events from 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.

7757 Honors Modern World History

Grade Level: 9

Year

Credits: 1

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.

7751 American History

Grade Level: 10

Year

Credits: 1

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.

7780 Honors American History

Grade Level: 10

Year

Credits: 1

Prerequisite: Honors World History with grade average of "C" or higher

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.

7700 American Government

Grade Level: 11

Year

Credits: 1

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.

7701 Honors American Government

Grade Level: 11

Year

Credits: 1

Prerequisite: Honors American History with a "C" or higher.

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.

7760 AP Psychology

Grade Levels: 11, 12

Year

Credits: 1

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 East 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

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

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.

2018-19	2019-20	2020-21	2021-22
AFNR	AFNR	AFNR	AFNR
Livestock Selection, Nutrition, and Management	Animal Anatomy & Physiology or Animal Health	Livestock Selection, Nutrition, and Management	Animal Anatomy & Physiology or Animal Health
Meat Science & Technology	Mechanical Principles	Meat Science & Technology	Mechanical Principles
Global Economics & Food Markets	Animal and Plant Science	Global Economics & Food Markets	Animal and Plant Science
Business Management	Business Management	Business Management	Business Management

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

7950 Agriculture, Food and Natural Resources – FFA

Grade Level: 9, 10, 11, 12

Year

Credit: 1.25

Formerly Intro to Agriculture.

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)

7956 Livestock Selection, Nutrition and Management – FFA

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR and instructor approval.

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)

7959 Business Management for Agricultural and Environmental Systems – FFA

Grade Level: 11, 12

Year

Credit: 1.25

Prerequisite: AFNR and instructor approval.

Formerly Ag Business.

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)

7951 Global Economics and Food Markets - FFA

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR and instructor approval

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and use of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contract, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development.

7953 Meat Science and Technology - FFA

Grade Level: 10, 11, 12

Year

Credit: 1.25

Prerequisite: AFNR and instructor approval

Students will apply food chemistry and microbiology to processing, preservation, packaging, storage, and marketing of meat products. Students will design and implement a quality assurance program that meets legal compliance and demonstrates knowledge of safe operation and maintenance of equipment and facilities. Students will evaluate carcass composition, assign quality grades, and examine valued-added products. Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations.

CAREER EXPLORATION

Career Exploration

Course Code: 7941 (semester 1), 7942 (semester 2)

Grade Level: 11-12

Two Semesters

Credit: 0.50 each semester

Prerequisite:

-At least 16 years old.

-Recommendation by school personnel.

-Transportation to and from work.

-Willingness to abide by rules and regulations set both by the school, including the instructor, and the employer.

-Parent/guardian permission.

-Complete an application and be interviewed by the instructor.

Students may earn up to 1 credit during the school year. This class is designed to meet the special needs of students who are looking to become, or already are, focused on entering the workforce following high school. Generally such students are anxious to begin working and are disengaged with their schoolwork in a typical classroom. In this program the students receive work experience at an approved training station along with classroom instruction in the related class. Students may enroll for a second year under special circumstances with coordinator's approval. Successful completion will result in graduation from high school and/or full-time employment.

Career Exploration Work Program

Course Code: 7943 (semester 1), 7944 (semester 2)

Grade Level: 11, 12

Two Semesters

Credit: 1-3

Prerequisite: Must be accepted into Career Exploration; see requirements for Career Exploration Class

This course is the working portion of Career Exploration. Two credits may be earned by working at an approved training station for a minimum of 15 hours per week. Additional credit may be earned for each semester by working at least seven and one-half hours per week above the minimum required with administrative approval.

ELECTIVES

6367 Peer Helping Peer

Grade Levels: 10, 11, 12

Year

Credit: 0.50

Prerequisites: One year of student aiding in the ESE room and/or being a member of the Peer Autism Team; one day of training prior to the school year.

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. Students will participate in bi-weekly meetings prior to school to learn strategies to help student in the classroom, ask questions and gain resources to assist students in the classroom.

6764 Peer Helping Peer 2

Grade Levels: 10, 11, 12

Year

Credit: 0.50

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

6765 Peer Helping Peer 3

Grade Level: 11,12

Year

Credit: 0.50

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 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 student 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.

6163 Technology Internship

Grade Level: 9, 10, 11, 12

Year

Credit: 1.0

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.

Laurel Oaks Career Campus (9890)

Laurel Oaks 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 Wilmington when they complete their graduation requirements. They may participate in Wilmington’s commencement exercises. The maximum number of credits available at Laurel Oaks in any one school year is seven.

Career programs at Laurel Oaks include: Animal Science and Management, Automotive Technology—Collision, Automotive Technology—Mechanics, Aviation Maintenance Technician, Career X, Computer Service Technician and Networking, Construction Technologies, Cosmetology, Dental Assisting, Digital Arts and Design, Early Childhood Education, Equine (Horse) Science and Management, Health Technology, Industrial Diesel Mechanics, Masonry, Sports Rehabilitation and Therapy, and Welding. Other career programs are available at other Great Oaks campuses; for a complete list go to www.greatoaks.com/hs. For other questions about Laurel Oaks, call 937-382-1411

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 and residing in the Wilmington City School District may participate in all extra-curricular activities if scheduling and transportation can be arranged. Attendance at Laurel Oaks is free for high school students.

Students enrolling as juniors must have a minimum of the following units of credit prior to enrollment:

English	2 units	Physical Education	½ unit
Mathematics	2 units	Health	½ unit
Science	1 unit	Additional Classes	2 units
Social Studies	1 unit		

If the student does not have these classes and credits from WHS they will need to be made up before they can be enrolled at Laurel Oaks (possible exception for P.E. & Health). Also, Laurel Oaks will test any students who still need to pass one or more sections of their End of Course Exams. There may also be opportunities for students to earn Industry Credentials as an alternative to the End of Course Exams to be eligible to graduate.

Students and parents will be given an opportunity to tour the campus before they decide to enroll at Laurel Oaks.

Students will be taking academic courses in addition to their Career Courses. Academic offerings are:

English: 11, 12, and College Credit Plus Composition I & II

Mathematics: Financial Algebra, Algebra 2, Integrated Mathematics, Pre-Calculus, Probability and Statistics, Calculus, and College Credit Plus College Algebra

Science: Environmental Science, Biochemistry, Anatomy and Physiology, Chemistry, Physics, and College Credit Plus College Biology

Social Studies: American History, American Government, Sociology, Economics, College Credit Plus American Government & Politics, and College Credit Plus Introduction to Sociology.

College Credit Plus courses are offered in partnership with Hocking College

SCHEDULE PLANNING TABLE

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

NOTES