

PHILO HIGH SCHOOL



2023-2024

Course Description Booklet

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EARNING A PHILO HIGH SCHOOL DIPLOMA 2023-2024 SCHOOL YEAR

A Philo High School Diploma is awarded to any graduating student who satisfies credit, competency, and readiness requirements.

CREDIT

Successfully complete 20 credits in the designated curricular areas.

- English 4 credits
- Mathematics 4 credits to include Algebra 2 or the equivalent of Algebra 2
- Science 3 credits to include 1 life science, 1 physical science and 1 advanced science
- Social Studies 3 credits to include World History, American History and Government
- Health ½ credit
- Physical Education ½ credit
- Fine Arts 1 credit (two ½ credit courses)
- Personal Finance ½ credit
- College and Career Readiness ½ credit
- Electives 3 credits which includes any class offered that is not already a graduation requirement

COMPETENCY

Students must meet one of the following:

- Students must earn a competency score of 684 on the English II and Algebra I end-of-course tests.
- College Credit Plus – Earn college credit in a non-remedial math or English course (for the subject area not passed) to demonstrate competency.
- Earn a remediation free score on the ACT (18 English, 22 Reading, 22 Math) or SAT for the subject area not passed.
- Career Experience and Technical Skill – Complete two demonstrations to show competency, at least one of which must be foundational.

****Foundational:**

- Earn a cumulative score of proficient or higher on three or more WebXams in a single career pathway.
- Earn an approved industry-recognized credential.
- Earn a state issued license in a vocation that requires one.
- Complete a pre-apprenticeship in the student's chosen career field or show evidence of acceptance into an apprenticeship program (for students ages 18 and older) after high school. Must be registered with the Ohio Apprenticeship Council.

****Supporting:**

- Complete a 250-hour work-based learning experience with evidence of positive evaluations.
- Earn the workforce readiness score on WorkKeys.
- Earn the OhioMeansJobs Readiness Seal.
- Military Readiness – Competency can be achieved by meeting the requirements to enlist in the military, as demonstrated by a contract with the military to enlist upon graduation.

READINESS/DIPLOMA SEALS

Students will demonstrate readiness by earning at least two diploma seals

Ohio law created 12 seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school.

- **OhioMeansJobs Readiness Seal** (State of Ohio Seal)
 - Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies. (See page 15-16 for more information)
- **Industry-Recognized Credential Seal** (State of Ohio Seal)
 - Earn an approved industry-recognized credential that is aligned to a job considered in demand in this state and its regions.
- **College-Ready Seal** (State of Ohio Seal)
 - Earn remediation-free scores on the ACT or SAT.
- **Military Enlistment Seal** (State of Ohio Seal)
 - Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or Participate in an approved JROTC program.
- **Citizenship Seal** (Complete one of the following) (State of Ohio Seal)
 - Earn a score of proficient or higher on both the American history and American government end-of-course exams. (score of 700)
 - Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams.
 - Earn a final course grade that is equivalent to a “B” or higher in appropriate classes taken through the College Credit Plus program.
 - Earn a final course grade of “B” or higher in American History and American Government.
- **Science Seal** (Complete one of the following) (State of Ohio Seal)
 - Earn a score of proficient or higher on the biology end-of-course exam. (score of 700)
 - Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams.
 - Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program.
 - Earn a final course grade of “B” or higher in an advanced science course taken in grades 11 or 12.
- **Honors Diploma Seal** (State of Ohio Seal)
 - Earn one of six Honors Diplomas outlined below:
 - Academic Honor Diploma
 - International Baccalaureate Honors Diploma
 - Career-Tech Honors Diploma
 - STEM Honors Diploma
 - Arts Honors Diploma

■ Social Science and Civic Engagement Honors Diploma

- **Biliteracy Seal** (State of Ohio Seal)
 - Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.
- **Technology Seal** (State of Ohio Seal)
 - Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam.
 - Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program
 - Complete a course offered through the district or school that meets guidelines developed by the Department.
- **Community Service Seal** (Local Seal)
 - Community Service is defined as: taking time and energy to help others without receiving compensation in return.
 - Document 40 hours of community service.
 - Volunteer work at: Christ’s Table, Salvation Army, Senior Center, etc.
 - The community service must be approved by a school counselor/administrator.
- **Student Engagement Seal** (Local Seal)
 - Student Engagement is defined as: student participation in extracurricular activities in or out of school.
 - You must participate in a total of 4 seasons/sessions with a culminating activity to demonstrate growth.
 - Participate in a School-Based Extracurricular Activity: Marching Band, Football, Swim, etc.
 - Participate in a school club: Key Club, Student Government, etc.
 - Participate in an out of school club: 4-H, Civic Organization, etc.
 - Other options will be considered upon request.
- **Fine and Performing Arts Seal** (Local Seal)
 - You must complete an equivalent of 4 sessions/semesters of participation in fine and performing arts classes/clubs, either in and/or out of school with a culminating activity to demonstrate growth.
 - School-Based: Art, Band, Choir, Production Technologies, Drama...
 - Out of School: Private Art Lessons, Dance through a Studio, Music Lessons, Community Theater...
 - Other options will be considered upon request.

PHILO HIGH SCHOOL HONORS (ACADEMIC HONORS DIPLOMA)

Math	4 units: Algebra I, Geometry, Algebra II, and one other higher level course
Science	4 units: includes two units of advanced science
Social Studies	4 units
World Language	3 units of one world language, or 2 units of each of two world languages
Fine Arts	1 unit
GPA = 3.5 or better ACT = 27 or better / SAT = 1280 or better	
Additional honors diplomas may be found in the Course Description Booklet	

General College Entrance Requirements

English – 4 credits

Science – 4 credits (more for science majors)

Math – 4 credits

Social Studies – 4 credits

Foreign Languages – 2 credits in the same language (3 are strongly recommended)

Fine Arts – 1 credit (Fine Arts include all art classes, yearbook, band, choir and theatre classes)

Minimum Scheduling Requirements

1. A student must schedule a minimum of 7 of the 8 periods each semester. No more than one period may be spent in study hall. Elective subjects such as Music, Social Science, Math, Fine Arts, Fitness, Visual and/or Performing Arts, Languages, etc. are available so that students may choose subjects to take rather than sit idle in study halls.
2. A student may withdraw from a class within the first 5 school days of the semester only with signatures of student, parent, teacher, guidance counselor and principal. Withdrawals after this time period will result in a WF (withdraw failing) mark on the student's transcript. The student will be placed in study hall and be denied special privileges for that period (i.e. library, restroom, computer lab).
3. Schedule changes will be made only when:
 - 1) Student is registered for a course for which they had not met the prerequisite;
 - 2) Student received a course for which they did not register;
 - 3) Student passed a course that they assumed they would fail;
 - 4) Student failed a course required for graduation. *If a student repeats the class and receives a higher grade, the lower grade will not be counted on the cumulative grade point average.
4. Courses should be taken in proper sequence.
5. Students will be allowed to take one elective course during their high school career on a pass-fail option. They may not take a course pass/fail if they received a grade of B- or higher in a prerequisite course. Students must declare that they are on the pass/fail option during the last two weeks of the 1st grading period of the course. The pass/fail form may be picked up in the Guidance Office and signatures must be on it when the form is returned to the Guidance Office. In some instances, the final approval may rest with the Principal.

SCHOOL FEES

School fees are determined by the Board of Education each spring. Some PHS courses may require a fee or there may be general student fee requirement

National Honor Society Eligibility

Membership to this chapter is based upon scholarship, service, leadership and character. To be eligible for membership, current sophomores, juniors and seniors must have a grade point average of 3.3 or higher. *Beginning with this year's incoming freshmen, the class of 2027, the required grade point average will be 3.5 or higher.* Eligible members of the class of 2027 will also have needed to complete ten hours of service or volunteer work prior to being accepted. Students must have taken or currently be enrolled in the core curriculum class listed below:

1. Three years of academic English (Honors, C.P., or College Credit Plus English Courses)
2. Two years of a foreign language (same subject)
3. Two years of academic science (Biology, Chemistry or Physics or College Credit Plus Science courses except for Medical Terminology).
4. Two years of upper level math classes (CP ALGEBRA II, CP Plane Geometry, Pre-Calculus, Calculus or College Credit Plus Math Classes.)

Members are subject to the constitution of the C. Dennis Betz Chapter of the National Honor Society and membership will be reviewed if a student fails to maintain the specified standards for scholarship or behavior.

College Credit Plus (CCP)

College Credit Plus replaces Ohio's Post-Secondary Enrollment Options program (PSEOP) and all alternative dual enrollment programs. Students may earn transcript college and high school credit upon successful completion of the course. All public districts and public institutions of higher education must participate. Each public high school must develop two pathway opportunities.

* One where a student can earn 15 transcript credits

* One where a student can earn 30 transcript credits

See Pages 11-14 for additional information.

Dual Enrollment

Some courses in this book are likely to become Dual Enrollment courses as partnerships with colleges are formed. Enrolled students will have the opportunity to earn high school credit as well as college credit.

PLUMBER & PIPEFITTERS LOCAL UNION 495

JATC Pre-Apprenticeship Program

This program is open to Juniors who are self-motivated, and have the desire and ability to show up on time every day. This is a two-year program. The basic requirements are: must be at least 16; must be physically capable; have a valid driver's license; have a birth certificate; have at least a 2.0 grade point average and have at least a 95% attendance record. A letter of recommendation is required and a substance abuse screening profile would need to be passed. Students who decide they would like to go through the programs will have to apply and go through a brief interview process. If accepted, these pre-apprentices will attend class one day a week in Cambridge. They will receive over the two years the equivalent education of what Apprentices receive during their 1st year of apprenticeship. This includes the credits offered through Owens Community College. If you are interested in this training program, please see your counselor.

ATHLETIC ELIGIBILITY

To participate in athletics at Philo High School students must have received a passing grade in a minimum of five one-credit courses or the equivalent in the immediate preceding grading period. You must also have a GPA of 1.3 or higher (all classes taken will count toward GPA for eligibility). A letter grade or F or an incomplete will place an athlete on probation. Probation will be checked at the interim date. At the end of the probationary period, the grade must improve to a passing grade or the athlete will be declared ineligible for the remainder of the grading period. He/She must be passing all classes at this time.

Credit Flex requirements

Pursuant to state law, the District's plan for credit flexibility must:

- A. Identify multiple methods of communication and the frequency of each method the District will use to communicate the credit flexibility policy and plan to students and parents on an ongoing basis;
- B. Allow demonstrated proficiency options on an ongoing basis;
- C. Allow graded options for demonstrated proficiency;
- D. Allow demonstration of proficiency to count towards course graduation requirements;
- E. Determine credit equivalency for a Carnegie unit;
- F. Prohibit capping or limiting the number of courses or credits earned through credit flexibility;
- G. Allow simultaneous credit and/or partial credit to be earned;
- H. Not prohibit access to online education, post-secondary options or services from another district, as approved by the Board;
- I. Allow, if so desired, the acceptance of credit from other districts and educational providers;
- J. Establish provisions for instances when students do not, or cannot, complete requirements; and
- K. Establish a review process and submit data to the Ohio Department of Education about the methods and frequency of communication with students and parents.

In addition to these requirements, the Superintendent or designee will collect performance data including, but not limited to, the number of participating students, total credits earned and extent to which student participation reflects the student body's diversity.

The Superintendent or designee may maintain a library of courses previously accepted to help students, parents and teachers understand available options, or those unique to local contexts and regional economic development interests.

Adopted: February, 2010

CCP COURSE ELIGIBILITY ROLES & RESPONSIBILITIES

SECONDARY SCHOOLS, COLLEGES & UNIVERSITIES

Must include eligible course information in required communications (e.g., information sessions, counselor sessions, and mandatory advising).

SECONDARY SCHOOLS

Are responsible to verify appropriate course enrollment, and if students are not appropriately enrolled, discuss withdrawal or self-pay options with students and parents.

COLLEGES & UNIVERSITIES

Must list Level I courses on their websites and send pre-term notices with student enrollment information to secondary schools.

HOMESCHOOL FAMILIES

Parents of homeschooled students are responsible for the actions required by secondary schools.

THE CHANCELLOR

The Chancellor has the authority to review college courses to ensure courses meet the requirements of the rule.

CHANCELLOR APPROVAL OF ADDITIONAL COURSES

The course eligibility rule provides for colleges & universities to request Chancellor approval for additional courses. Please see the "Resources" page of www.ohiohighered.org/ccp for more information.

- 1. Level I Courses:** The chancellor annually may approve additional Level I courses if it is determined that students participating in the College Credit Plus program would benefit from having access to those courses as Level I courses. Any such approval shall take effect at the start of the following academic year.
- 2. Non-allowable Courses:** If a course that is a part of a predetermined pathway (or required sequence of courses) leading to a certificate or degree is described as "non-allowable" under the rule, a college or university may request the chancellor to allow the course, given one or more students who are enrolled through College Credit Plus have shown progress on that pathway or sequence of courses through their previous coursework.

Rule 3333-1-65.12 went into effect starting summer term of the 2018-19 academic year, providing a framework for the types of courses that are eligible for funding under College Credit Plus. Please review the rule language for complete details.

1

Level I Courses – “First 15”

For students new to College Credit Plus, they must start with Level I courses for their First 15 credits, which include:

- Transferable courses (Approved CTAG, OTM, TAG, or equivalent at private college or university)
- Courses in computer science, information technology, anatomy, physiology, or foreign language, including American Sign Language
- Course in a designated technical certificate program
- 15-credit hour or 30-credit hour model pathway courses
- Study skills, academic or career success skills courses
- Internship courses

EXCEPTIONS TO THE FIRST 15

Exceptions may be made for students to continue with courses in the same subject or for students that test directly into a Level II course.

Students who have attained the required scores on AP or IB course examinations may count those course hours toward the First 15.

2

Level II Courses

Once students have completed the First 15, they can move on to Level II.

- Level II courses are any other college courses for which students meet the prerequisites.
- Students are encouraged to continue working toward the certificate or degree pathways started in Level I.

Non-Allowable Courses

These courses are not permitted under College Credit Plus:

- Applied courses with one-on-one private instruction
- Courses with high fees (\$750 or more, starting spring 2019)
- Study abroad courses
- Physical education courses
- P/F or S/U graded courses (unless the course is an internship or is a transferable course with the same grading scale for all students enrolled)
- Remedial courses
- Sectarian religion courses

Rule 3333-1-65.13 went into effect starting the summer term of the 2018-19 academic year, defining underperforming students and providing regulations for College Credit Plus probation and dismissal from the program.

PLEASE NOTE: This rule does not alter, supersede, or affect any college or university policies or procedures on satisfactory academic progress.

CCP PROBATION

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

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

While on CCP Probation, the student:

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

CCP DISMISSAL

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

- When placed on CCP Dismissal, the student may not enroll in any College Credit Plus courses for the following college term.
- At the end of the dismissal term, the student can request to be reinstated in the program.
- The student may appeal CCP Dismissal within 5 days of being notified of dismissal status.

APPEALS

Probation Appeals:

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

Dismissal Appeals:

- Within 5 days of being dismissed, the student may submit an appeal to the secondary school to appeal CCP Dismissal.
- The secondary school shall determine whether the student may continue on CCP Dismissal, move to CCP Probation, or participate without restrictions per the school's adopted policy.

For both types of appeals:

- Each secondary school is required create a policy to direct the school's appeal process, as described in [Ohio Administrative Code section 3333-1-65.13](#).
- Extenuating circumstances must be considered, separate from academic performance.

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

CCP PROBATION & DISMISSAL ROLES & RESPONSIBILITIES

STUDENTS, PARENTS, SECONDARY SCHOOLS, COLLEGES, & UNIVERSITIES

Review the complete rule ([Ohio Administrative Code 3333-1-65.13](#) available at <http://codes.ohio.gov>) for details regarding course restrictions, dis-enrollments, policy development, counseling sessions, advising, etc.

SECONDARY SCHOOLS

Are responsible for:

- Placing students on CCP Probation and/or CCP Dismissal, creating an appeals policy, and managing the appeals process.
- Reviewing the college grades and cumulative GPA's of students.
- Notifying the student and parents of a student's CCP Probation or CCP Dismissal status.
- Verify correct enrollment while on CCP probation.

COLLEGES & UNIVERSITIES

Are responsible for:

- Sending pre-term notices of student enrollment to secondary schools.
- Sending student grades to secondary schools as soon as possible after the term ends.

HOMESCHOOLED STUDENTS & FAMILIES

Review entire rule for details on compliance, funding, and payment responsibilities. Actions required by secondary schools must be taken by the parent of the homeschooled student.

IMPLEMENTATION RESOURCES

Visit the "**Underperforming Students Rule**" section of www.ohiohighered.org/ccp/resources for:

- [Guidance for Creating an Underperforming Student Policy & Sample Template.](#)
- [CCP Probation and Dismissal Form](#) for use with students and families.
- [Probation Scenarios GPA Calculator](#) to assist with determining student GPA's.

Earning the OhioMeansJobs-Readiness Seal A Guide for Educators, Students and Families

The OhioMeansJobs-Readiness Seal

The 21st century workplace constantly is evolving. To ensure success in their careers, students must be prepared to engage in this rapidly changing environment. Ohio businesses are seeking talented workers who have solid academic skills such as reading, writing and mathematics, as well as the professional skills required for success in the workplace. Among these professional skills are being reliable, drug free, disciplined and able to solve problems.



Ohio's education system must support students in acquiring the professional skills that Ohioans need to be job-ready. When schools prepare students for the 21st century workplace, they also build the talented workforce that Ohio businesses need.

The OhioMeansJobs-Readiness Seal* is a formal designation a student can earn by demonstrating the professional skills that are required for success in the workplace. The student can earn the OhioMeansJobs-Readiness Seal by asking three or more mentors to validate that the student demonstrated the professional skills valued by Ohio businesses. The OhioMeansJobs-Readiness Seal distinguishes students who are prepared to contribute to the workplace and their communities.

To earn the OhioMeansJobs-Readiness Seal, each student must complete these steps:

1. Demonstrate proficiency** in each of 15 identified professional skills.
2. Using the OhioMeansJobs-Readiness Seal Form, record how he or she demonstrated each professional skill. A student is only required to document how he or she demonstrated each skill in one of three possible environments – school, work or community. But, the student cannot document all 15 skills in the same environment, for example, school. At least two environments must be reflected among the demonstrated skills.
3. Have each skill validated (confirmed) by at least one mentor. A mentor is an experienced advisor the student trusts. A minimum of three mentors must be involved in the overall validation process and sign the form. By signing the form, each mentor is recommending the student to a prospective employer or higher education provider.

To go above and beyond in preparation for career or college success, students may:

1. Ask mentors to write letters of recommendation. These can give the student an advantage when applying for jobs or to colleges.
2. Create an OhioMeansJobs K-12 backpack. This will allow the student to explore the free career planning resources available through OhioMeansJobs.com.

* [Ohio Revised Code 3313.6112](#) establishes the OhioMeansJobs-Readiness Seal.

****Proficient:** Has a deep understanding, can achieve a high standard routinely, takes responsibility for own work, deals with complex situations, makes decisions with confidence, and sees, overall, how individual actions influence outcomes (The Dryfus Model of Skill Acquisition, <http://devmts.org.uk/dreyfus.pdf>).

Professional skills:

To understand the skills required for success in the 21st century, the OhioMeansJobs-Readiness Seal team surveyed the business community. According to Ohio businesses, students and applicants must demonstrate proficiency in the following professional skills to be ready for work:

- **Drug Free** - The student commits to being drug free.***
- **Reliability** - The student has integrity and responsibility in professional settings.
- **Work Ethic** - The student has effective work habits, personal accountability and a determination to succeed.
- **Punctuality** - The student arrives to commitments on time and ready to contribute.
- **Discipline** - The student abides by guidelines, demonstrates self-control and stays on task.
- **Teamwork/Collaboration** - The student builds collaborative relationships with others and can work as part of a team.
- **Professionalism** - The student demonstrates honesty. He or she dresses and acts appropriately and responsibly. He or she learns from mistakes.
- **Learning Agility** - The student desires to continuously learn new information and skills.
- **Critical Thinking/Problem-Solving** - The student exercises strong decision-making skills, analyzes issues effectively and thinks creatively to overcome problems.
- **Leadership** - The student leverages the strengths of others to achieve common goals. He or she coaches and motivates peers and can prioritize and delegate work.
- **Creativity/Innovation** - The student is original and inventive. He or she communicates new ideas to others, drawing on knowledge from different fields to find solutions.
- **Oral and Written Communications** - The student articulates thoughts and ideas clearly and effectively in written and oral forms.
- **Digital Technology** - The student has an understanding of emerging technology and leverages technology to solve problems, complete tasks and accomplish goals.
- **Global/Intercultural Fluency** - The student values, respects and learns from diverse groups of people.
- **Career Management** - The student is a self-advocate. He or she articulates strengths, knowledge and experiences relevant to success in a job or postsecondary education.

Environments and mentors:

School: The student demonstrates professional skills in a school environment during the school day or during extracurricular activities. School mentors include teachers, administrators, advisors, coaches and others. These activities are separate from work-based or community-based activities.

Work: The student demonstrates professional skills in a work environment. Work mentors include supervisors, hiring managers, experienced co-workers and others. These activities are separate from school-based or community-based activities.

Community: The student demonstrates professional skills in a community environment. Community mentors include volunteer coordinators, faith-based leaders and others. These activities are separate from school-based or work-based activities.

Students must choose mentors they worked with, activities they participated in and skills they demonstrated while in high school.

*****Drug Free:** Although commitment to being drug free may not qualify as a "skill," this quality is equally important to employers.

PHYSICAL EDUCATION WAIVER

6.17c – Physical Education Waiver

In accordance with Section 3313.603 of the Ohio Revised Code, Franklin Local Schools will not require a student to complete any physical education course as a condition to graduate high school if they have participated in high school interscholastic athletics, marching band, or cheerleading for at least two full seasons.

In order to be eligible for a Physical Education waiver at Philo High School, students must complete two full seasons of marching band, cheerleading, or high school interscholastic athletics during their 9th, 10th or 11th grade year. The two full seasons requirement can be met within a single school year or over multiple years. The two full seasons requirement may be fulfilled by participating in the same activity multiple years or by “mixing and matching” marching band, cheerleading or high school interscholastic athletics.

If a student is injured during the course of the season he or she is still expected to attend practices, meetings, and games that are not limited by the medical illness or injury throughout the remainder of the season to qualify for the waiver. Failure to meet this requirement would nullify the potential for a physical education waiver. A student who quits or is dismissed from the team is ineligible to earn the physical education waiver for the season in question. This includes dismissal for academic ineligibility as well as violating team, athletic department, or school rules. If the waiver requirements are not met prior to the student’s 12th grade year, the student will be enrolled in physical education courses to meet graduation requirements.

Ohio Revised Code provides no provision to permit any type of partial waiver. A student may not meet physical education requirements by mixing physical education credits with the Physical Education Waiver. No retroactive waiver will be given.

Students are **required** to take one-half credit of an elective to replace the one-half credit previously earned by physical education to ensure that the student earns the 20 credits needed to graduate.

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement

Complete 16 core courses in the following areas:



FULL QUALIFIER

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

Academic Redshirt

College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

International Students

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

ACADEMIC REDSHIRT

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.



Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts **CANNOT** be used in an academic certification.

DIVISION I FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
3.550	400	37
3.525	410	38
3.500	430	39
3.475	440	40
3.450	460	41
3.425	470	41
3.400	490	42
3.375	500	42
3.350	520	43
3.325	530	44
3.300	550	44
3.275	560	45
3.250	580	46
3.225	590	46
3.200	600	47
3.175	620	47
3.150	630	48
3.125	650	49
3.100	660	49
3.075	680	50
3.050	690	50
3.025	710	51
3.000	720	52
2.975	730	52
2.950	740	53
2.925	750	53
2.900	750	54
2.875	760	55
2.850	770	56
2.825	780	56
2.800	790	57
2.775	800	58

DIVISION I FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
2.750	810	59
2.725	820	60
2.700	830	61
2.675	840	61
2.650	850	62
2.625	860	63
2.600	860	64
2.575	870	65
2.550	880	66
2.525	890	67
2.500	900	68
2.475	910	69
2.450	920	70
2.425	930	70
2.400	940	71
2.375	950	72
2.350	960	73
2.325	970	74
2.300	980	75
2.299	990	76
2.275	990	76
2.250	1000	77
2.225	1010	78
2.200	1020	79
2.175	1030	80
2.150	1040	81
2.125	1050	82
2.100	1060	83
2.075	1070	84
2.050	1080	85
2.025	1090	86
2.000	1100	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 year	2 years	4 years

FULL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

PARTIAL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

Partial Qualifier

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

International Students

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

Click [here](#) for Division I academic requirements.



DIVISION II FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
3.050 & above	400	37
3.025	410	38
3.000	430	39
2.975	440	40
2.950	460	41
2.925	470	41
2.900	490	42
2.875	500	42
2.850	520	43
2.825	530	44
2.800	550	44
2.775	560	45
2.750	580	46
2.725	590	46
2.700	600	47
2.675	620	47
2.650	630	48
2.625	650	49
2.600	660	49
2.575	680	50
2.550	690	50
2.525	710	51
2.500	720	52
2.475	730	52
2.450	740	53
2.425	750	53
2.400	750	54
2.375	760	55
2.350	770	56
2.325	780	56
2.300	790	57
2.275	800	58
2.250	810	59
2.225	820	60
2.200	830	61
2.175	840	61
2.150	850	62
2.125	860	63
2.100	860	64
2.075	870	65
2.050	880	66
2.025	890	67
2.000	900	68 & above

Test Scores

If a student plans to attend an NCAA Division II college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

*Final concordance research between the new SAT and ACT is ongoing.

PHILO HIGH SCHOOL CLASSES

ENGLISH DEPARTMENT

Students are required by the State of Ohio to earn 4 credits of English

Length	Course No.	Title	Year	Credit
Year	000	English 9	9	1
Year	001	College Prep English 9	9	1
Year	002	Honors English 9	9	1
Year	003	English 10	10	1
Year	004	College Prep English 10	10	1
Year	005	Honors English 10	10	1
Year	006	English 11	11	1
Year	007	College Prep English 11	11	1
Year	008	English 12	12	1
Year	009	College Prep English 12	12	1
Year	010	Yearbook	9,10,11,12	1
Semester	011	ZS ENGL 1500 Composition I	CCP	3 hours
Semester	012	ZS ENGL 2500 Composition II	CCP	3 hours
Semester	013	ZS ENGL 2600 American Literature	CCP	3 hours
Semester	014	ZS ENGL 2520 British Literature	CCP	3 hours

English 9 - 000

This course uses the Ohio Learning Standards for English Language Arts. Students will read and analyze a variety of nonfiction, fiction, poetry, drama, and mythology texts. Students will complete informative, argumentative, and narrative writing assignments while practicing the grammar and conventions of Standard English. Students will also have weekly vocabulary lessons that focus on Greek and Latin word parts. There are key assignments that will be introduced during the course that are required to attain credit for the course.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

College Prep English 9 - 001

This course uses the Ohio Learning Standards for English Language Arts. Students will read and analyze a variety of nonfiction, fiction, poetry, drama, and mythology texts. Students will complete informative, argumentative, and narrative writing assignments while practicing the grammar and conventions of Standard English. Students will also have weekly vocabulary lessons that focus on Greek and Latin word parts. There are key assignments that will be introduced during the course that are required to attain credit for the course. Students may be asked to independently read an assigned novel that will be discussed and assessed in class.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

Honors English 9 - 002

This course uses the Ohio Learning Standards for English Language Arts. Students will read and analyze a variety of nonfiction, fiction, poetry, drama, and mythology texts. Students will complete informative, argumentative, and narrative writing assignments while practicing the grammar and conventions of Standard English. Students will also have weekly vocabulary lessons that focus on Greek and Latin word parts. There are key assignments that will be introduced during the course that are required to attain credit for the course. Students will be asked to independently read one or more assigned novels that will be discussed and assessed in class. In order to sign up for Honors English 9, an 8th grader needs an A or B average in 8th grade English and an endorsement from the student's 8th grade ELA teacher. **In Honors English, the assumption is that students are willing to work hard and want to do well.**

Grade: 9 Length: Year Prerequisite: See Description Credit: 1.00

English 10 - 003

This English course uses the core curriculum which includes world literature in the form of myths, poetry, short stories, non-fiction, and dramas. These works range from the earliest written word through the 21st century. The course is structured around the themes in the textbook. Students will learn to write explanatory, informative, persuasive, and argumentative essays.

Grade: 10 Length: Year Prerequisite: English 9 Credit: 1.00

College Prep English 10 - 004

This English course uses the core curriculum which includes world literature in the form of myths, poetry, short stories, non-fiction, and dramas. These works range from the earliest written word through the 21st century. The course is structured around the themes in the textbook, but supplemental works will be added. Writing is a big part of this course as students will learn to write explanatory, informative, persuasive, and argumentative essays. Students may be asked to read novels independently and learn to write a literary analysis.

Grade: 10 Length: Year Prerequisite: English 9/C or better Credit: 1.00

Honors English 10 - 005

This English course uses the core curriculum which includes world literature in the form of myths, poetry, short stories, non-fiction, and dramas but goes far beyond that curriculum. Students will read additional literature with a higher Lexile level. Writing prompts and writing assignments will be based on the themes in the textbook and the supplemental readings. Students will learn to write explanatory, informative, narrative, persuasive, and argumentative essays. In addition, students will have the opportunity to work in groups and independently on several projects. Students may also read novels independently and learn to write a literary analysis. **This is a fast paced course intended to prepare students for Zane State college courses in their junior and senior years.**

Grade: 10 Length: Year Prerequisite: English 9/B or better Credit: 1.00

English 11 - 006

This English course will be offered to non-college prep juniors. This course is based on the English 11 core curriculum which is American literature. Students will examine short stories, dramas, novels and non-fiction reading. They will also read, discuss and write about current social issues. Students will demonstrate their knowledge of material through reading, writing and various other presentations.

Grade: 11 Length: Year Prerequisite: English 10 Credit: 1.00

College Prep English 11 - 007

This is a college preparatory class for juniors and is very demanding. This course is based on the English 11 core curriculum which is American literature. Students will examine short stories, dramas, novels and non-fiction reading. Students work toward an in-depth understanding of a number of fictional elements by analyzing novels and incorporating literary criticism. Students will read novels independently and write literary analysis.

Grade: 11 Length: Year Prerequisite: English 10/C or better Credit: 1.00

English 12 - 008

This English course will be offered to non-college prep seniors. This course is based on the English 12 core curriculum which is British Literature. Students will examine short stories, dramas, novels and non-fiction reading. They will also read, discuss and write about current social issues. Students will demonstrate their knowledge of material through reading, writing and various other presentations.

Grade: 12 Length: Year Prerequisite: English 11 Credit: 1.00

College Prep English 12 - 009

This is a college preparatory class for seniors and is very demanding. This course is based on the English 12 core curriculum which is British Literature. Students will examine short stories, dramas, novels and non-fiction reading. Students work toward an in-depth understanding of a number of fictional elements by analyzing novels and incorporating literary criticism. Students will read novels independently and write literary analysis.

Grade: 12 Length: Year Prerequisite: English 11/C+ or better Credit: 1.00

Yearbook - 010

Students will learn skills, including using computers, necessary in planning and executing content and design of the high school yearbook that they will produce. They will be expected to participate

Grade: 9,10,11, 12 Length: Year Prerequisite: B in previous English Credit: 1.00

ENGL 1500 Composition I (Zane State) - 011

This course emphasizes the writing and revising process with essay mastery as the primary goal. Students read literary examples as models and write in descriptive, narrative, expository, persuasive and poetic modes. Four research essays, written in APA style, is a requirement to successfully complete this course.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

ENGL 2500 Composition II (Zane State) - 012

Students will employ the writing process introduced in Composition I. Composition II emphasizes the development of rhetorical skills for literary analysis, critical appraisal and academic research. Students will read several texts and create four persuasive essays.

Grade: CCP Length: Semester Prerequisite: ENGL 1500/C or better Credit: 3 hours

ENGL 2600 American Literature (Zane State) - 013

This survey course introduces students to a broad range of American Literature (print and film) involving works from the mid-nineteenth century up to the present day. The works studied will include poetry, novels, short stories and nonfiction essays. By reading and analyzing these works, students will learn about significant themes, conventions, literary movements and historical events during their time period and will also strengthen their critical thinking and writing skills. Writers studied may include Walt Whitman, Emily Dickinson, Mark Twain and Robert Frost.

Grade: CCP Length: Semester Prerequisite: ENGL 1500/C or better Credit: 3 hours

ENGL 2520 British Literature (Zane State) - 014

This survey course introduces students to a broad range of British literature (print and film) involving works from the Early Romantic Period up to the present day. The works studied will include novels, short stories, poetry, and drama. By reading and analyzing these works, students will learn about various themes, conventions, literary movements, and historical events during this time period and will also strengthen their critical thinking skills. Writers studied will include Wordsworth, Dickens, Blake, Shelley, Austen, Keats, Yeats, and Heaney.

Grade: CCP Length: Semester Prerequisite: ENGL 1500/C or better Credit: 3 hours

MATH DEPARTMENT

Students are required by the State of Ohio to earn 4 credits of math.

Length	Course No.	Title	Year	Credit
Year	100	Algebra I	9	1
Year	101	College Prep Algebra I	9	1
Year	102	Applied Algebra	9	1
Year	103	Geometry	10,11,12	1
Year	104	College Prep Geometry	10,11,12	1
Semester	105	Algebra Lab I	10	.25
Year	106	Algebra II	10,11,12	1
Year	107	College Prep Algebra II	10,11,12	1
Year	108	Pre-Calculus	11,12	1
Year	109	Calculus	11,12	1
Year	110	Modeling and Quantitative Reasoning	11,12	1
Year	111	Transitions to College Math	11,12	1
Semester	112	ZS MATH 1050 Quantitative Reasoning	CCP	4 hours
Semester	113	ZS MATH 1340 College Algebra	CCP	4 hours
Semester	114	ZS MATH 1650 Statistics	CCP	3 hours
Semester	115	MU MATH 180 Pre-Calculus	CCP	4 hours
Year	116	MU MATH 190 Calculus	CCP	4 hours

Algebra I - 100

This course is a study of expressions and equations, linear functions, polynomials and nonlinear functions, radical and rational functions and data analysis. It will address the Algebra I Ohio's Learning Standards that are required for the End of Course Algebra I Exam. This course is offered to all freshmen who have not had Algebra I and sophomores who took Applied Algebra. Both scientific and graphing calculators will be used.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

College Prep Algebra I - 101

This course is a study of expressions and equations, linear functions, polynomials and nonlinear functions, radical and rational functions and data analysis. It will address the Algebra I Ohio's Learning Standards that are required for the End of Course Algebra I Exam. This course is a faster pace course intended for students who plan on taking post secondary classes. Both scientific and graphing calculators will be used.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

Applied Algebra - 102

Aligned to Ohio's Learning Standards, Applied Algebra is offered as the first in a sequence of high school math courses, with emphasis on preparing ninth graders for successful completion of Algebra I. The course covers foundational standards in Algebra I with focus on linear functions. Students will solve many real world problems and turn verbal scenarios into mathematical form. Study begins with an in-depth review of fractions, decimals, integers, real numbers, exponents and order of operations. Students will become familiar with various data representations including functions, graphs and tables. Students will gain greater understanding with linear models and relationships. Polynomials will be introduced along with performing basic operations. Students will conclude with a brief study of data analysis and statistical measures. By the end, they will have gained a thorough working knowledge of variables, terms, expressions and equations.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

Geometry - 103

This course is designed for students going to the Mid-East CTC and the workforce that will have them discover, learn and apply geometry. Students will experience drawing, constructing, measuring, visualizing, comparing, transforming and classifying geometric shapes. This course will help you see how geometry is used in ways that relate directly to your life. It will address the geometry, measurement and data analysis Ohio's Learning Standards that are required for the state End of Course Geometry exam. This course is recommended for sophomores. Both scientific and graphing calculators will be used.

Grade: 10,11,12 Length: Year Prerequisite: Algebra I Credit: 1.00

College Prep Geometry - 104

This course is the study of geometric figures, properties of similar and congruent figures, angle relationships, coordinate geometry, transformations, right triangle trigonometric relationships and the validity of conjectures. It will address the geometry, measurement and data analysis Ohio's Learning Standards that are required for the state End of Course Geometry exam. This course is recommended for sophomores who plan on taking post secondary courses. Both scientific and graphing calculators will be used along with compasses and protractors.

Grade: 10,11,12 Length: Year Prerequisite: Algebra I Credit: 1.00

Algebra Lab I - 105

This course is designed to help students who did not demonstrate proficiency on the Algebra I Air Test. It will address the standards from a different perspective and review the foundation topics from the previous course needed to be successful on the state end of course exam in Algebra I. Required for all sophomores who did not achieve a passing score on the Algebra I Air State Test.

Grade: 10 Length: Semester Prerequisite: None Credit: 0.25

Algebra II - 106

This course is designed for junior students coming from Geometry. This course will be the continuation of Algebra I with the study of linear, second degree, exponential and logarithmic functions. Graphing will be emphasized in the study of functions. Graphing calculators will be used.

Grade: 10,11,12 Length: Year Prerequisite: Geometry Credit: 1.00

College Prep Algebra II - 107

This course is designed for junior students coming from Geometry. This course will be the continuation of Algebra I with the study of linear, second degree, exponential and logarithmic functions. Graphing will be emphasized in the study of functions. Graphing calculators will be used.

Grade: 10,11,12 Length: Year Prerequisite: Geometry Credit: 1.00

Pre-Calculus - 108

This course contains an in-depth coverage of trigonometry, logarithms, analytic geometry, proofs and upper level algebraic concepts. Topics such as twelve basic functions, trig functions, parametric equations, vectors, polar equations, probability and statistics are covered. Use of the graphing calculator is emphasized.

Grade: 11,12 Length: Year Prerequisite: Algebra II Credit: 1.00

Calculus - 109

This course is a first course in a sequence of two covering the fundamental concepts of single variable calculus and their applications. Topics in this course are functions and graphing, limits and continuity, derivatives applications, integrals, applications of integration and integration by substitution. Concepts of differential and integral calculus as applied to trigonometric, inverse trigonometric and transcendental functions are included.

Grade: 11,12 Length: Year Prerequisite: Pre-Calculus Credit: 1.00

Modeling and Quantitative Reasoning - 110

Critical thinking and reasoning are the primary objectives and outcomes of this advanced quantitative reasoning course. It includes the application of mathematical skills including algebraic methods to the analysis and interpretation of quantitative information (numbers in context) in real-world situations to make decisions that are relevant to daily life. Students combine problem solving with modeling to analyze real-life situations and devise solution strategies.

Grade: 11,12 Length: Year Prerequisite: Algebra I, Geometry Credit: 1.00

Transitions to College Math - 111

This course is designed for juniors and seniors who need to improve their algebra concepts applying to real life situations. Strong review of basic algebra formulas with variables, equations, functions, systems of equations, graphs, trigonometry, and statistics. Graphing calculators will be used.

Grade: 11, 12 Length: Year Prerequisite: Geometry Credit 1.00

MATH 1050 Quantitative Reasoning (Zane State) - 112

This course is designed to develop students' quantitative and logical reasoning abilities, and improve students' ability to communicate quantitative ideas. This project based course requires the student to create, analyze, and interpret mathematical models based on real world problems. Prerequisite: Placement by the Accuplacer score

Grade: CCP Length: Semester Prerequisite: See description Credit: 4 hours

MATH 1340 College Algebra (Zane State) - 113

Topics include radical and rational exponents, equations and inequalities, functions and graphs, polynomials and rational functions, exponential and logarithmic functions and systems of equations. A graphing calculator is required. To be eligible for this class you must score college ready on the ACT (Math portion 22) or a 97 on the Algebra portion of the Accuplacer if you have not taken Algebra II yet, or if you have passed high school Algebra II, you need a passing Accuplacer score.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

MATH 1650 Statistics (Zane State) - 114

Equips students with the understanding of statistical concepts dealing with the processing and interpretation of numerical information. Basic statistical applications including measures of central tendencies and variations, probability, sampling, hypothesis testing and correlation analysis will be studied. A scientific or graphing calculator is required. To be eligible for this class you must score college ready on the ACT (Math portion 22) or Accuplacer and have passed Math 1340

Grade: CCP Length: Semester Prerequisite: See Description Credit: 3 hours

MATH 180 PreCalculus (Muskingum University) - 115

Concentrates on preparing students with the concepts and skills that apply to the study on Calculus. Topics include polynomial, exponential, logarithmic, and trigonometric functions along with their equations and graphs. Concepts of analytic geometry are also developed. Not open to students with credit for a higher level math course. To be eligible for this class you must score an ACT Math 21 or higher or SAT Math 546 or higher or College Algebra.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

MATH 190 Calculus (Muskingum University) - 116

Introduces the concepts of limit, continuity, derivative, integral, and applications. It assumes some knowledge of trigonometric functions and equations for lines and conic sections. To be eligible for this class you must pass Math 180 or ACT Math 24 or higher or SAT Math 576 or higher.

Grade: CCP Length: Year Prerequisite: See Description Credit: 4 hours

SCIENCE DEPARTMENT

Students are required by the State of Ohio to earn 3 science credits: one life science, one physical science and one advanced science.

Length	Course No.	Title	Year	Credit
Year	200	Physical Science	9	1
Year	201	General Biology	10	1
Year	202	College Prep Biology	10	1
Year	203	Environmental Issues	10,11,12	1
Semester	204	Invertebrate Zoology	10,11,12	.50
Semester	205	Vertebrate Zoology	10	.50
Year	206	Chemistry	10,11,12	1
Year	207	Physics	11,12	1
Semester	208	HC BIOS 1113 Anatomy and Physiology I	CCP	4 hours
Semester	209	HC BIOS 114 Anatomy and Physiology II	CCP	4 hours
Semester	210	HC BIOS 1121 Biology I	CCP	4 hours
Semester	211	HC BIOS 1122 Biology II	CCP	4 hours
Year	212	HC HLTH 1101 Medical Terminology	CCP	2 hours
Year	213	ZS CHEM 1010 Introduction to Chemistry	CCP	3 hours
Semester	214	ZS CHEM 1210 General Chemistry I	CCP	4 hours
Semester	215	ZS CHEM 1220 General Chemistry II	CCP	4 hours

Physical Science - 200

This course deals with introductory topics in physical science. It is presented to better prepare the student to apply science concepts to everyday life and topics covered in our scientific world. All 9th grade students must be enrolled in Physical Science.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

General Biology - 201

Biology is the study of living things. This class teaches biology at a slower pace but focuses on preparation for the Biology AIR test. UNITS OF STUDY: (1) Basic concepts and fundamentals of Biology as a science; (2) Cytology; (3) Biochemistry; (4) Ecological Relationships; (5) Classification.

Grade: 10 Length: Year Prerequisite: Physical Science Credit: 1.00

College Prep Biology - 202

Biology is the study of living things. The class is taught on a college preparatory level. UNITS OF STUDY: (1) Basic concepts and fundamentals of Biology as a science; (2) Cytology; (3) Biochemistry; (4) Ecological Relationships; (5) Classification.

Grade: 10 Length: Year Prerequisite: Physical Science Credit: 1.00

Environmental issues - 203

Virtually everything we do as individuals and as a society impacts our environment. There has been an ongoing battle between industry and urban expansionists with people who seem to be environmental extremist over the predicted effects of pollution and reduction of habitat for plants and animals. In Environmental Issues we study earth and environmental science in an attempt to develop a balanced view of these problems. Serves as the third science credit required for graduation.

Grade: 10,11,12 Length: Year Prerequisite: Biology Credit: 1.00

Invertebrate Zoology - 204

Introduction to classification, taxonomy, scientific naming, evolutionary theory and the structures and functions of all major invertebrate animal phyla. Animal anatomy, physiology, development, ecology, behavior and evolution will be the major focus. Topics covered include: body plans, characteristics of particular animal groups, similarities and differences between animal groups and the interconnectedness of all living things, including humans.

Grade: 10,11,12 Length: Semester Prerequisite: Biology Credit: 0.5

Vertebrate Zoology - 205

Introduction to classification, taxonomy, scientific naming, evolutionary theory and the structures and functions of all major vertebrate animal phyla. Animal anatomy, physiology, development, ecology and behavior will be considered when discussing their respective evolutionary paths. Topics covered include: characteristics of vertebrate phyla, similarities and differences between animal groups and the interconnectedness of all living things.

Grade: 10,11,12 Length: Semester Prerequisite: Biology Credit: 0.5

Chemistry - 206

This course introduces students to key concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure and its interactions is how this course is organized.

Grade: 10,11,12 Length: Year Prerequisite: Algebra I Credit: 1.00

Physics - 207

Physics elaborates on the study of the key concepts of motion, forces and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

Grade: 11,12 Length: Year Prerequisite: Algebra II Credit: 1.00

BIOS 1113 Anatomy and Physiology I (Hocking College) - 208

This course is the first of two-semester sequences in which human anatomy and physiology are studied using a body systems approach. Anatomy & Physiology I includes: basic anatomical and directional terminology; homeostasis, basic chemical concepts pertaining to physiology, cell structure and function and tissues of the body, as well as the integumentary, skeletal, muscular and parts of the nervous systems. This class requires BIOS 1121, 1122, or a teacher recommendation to take.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

BIOS 1114 Anatomy and Physiology II (Hocking College) - 209

This course is the second of a two-semester sequence in which human anatomy and physiology are studied using a body systems approach. Anatomy & Physiology II is a continuation of Anatomy & Physiology I and includes: parts of the nervous system, special senses, the endocrine system, the cardiovascular system, the lymphatic system and immunity; the respiratory system; the digestive system, the urinary system; the reproductive systems, development and heredity. Students wishing to take this course must pass BIOS 1113 with a 73% or higher.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

BIOS 1121 Biology I (Hocking College) - 210

This course is the second of a two-semester sequence in which human anatomy and physiology are studied using a body systems approach. Anatomy & Physiology II is a continuation of Anatomy & Physiology I and includes: parts of the nervous system, special senses, the endocrine system, the cardiovascular system, the lymphatic system and immunity; the respiratory system; the digestive system, the urinary system; the reproductive systems, development and heredity.

Grade: CCP Length: Semester Prerequisite: Teacher Rec. Credit: 4 hours

BIOS 1122 Biology II (Hocking College) - 211

Continues the overview of basic biological principles begun in Biology I. Concepts covered include energetics, evolutionary relationships or various plant and animal populations and biological diversity. Students wishing to take this course must pass BIOS 1121 with a 73% or higher.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

HLTH 1101 Medical Terminology (Hocking College) - 212

The principles of building a basic medical vocabulary are practiced with an emphasis on prefixes, suffixes, and roots. Basic spelling and pronunciation rules are covered. Anatomical, physiological, and pathological terminology pertaining to selected body systems are explored. Selected clinical procedures, laboratory tests, and abbreviations are discussed. With unfolding patient case studies and documentation, students are introduced to various roles in the healthcare environment, illustrating the real-life application of medical terminology in modern health care while facilitating active learning.

Grade: CCP Length: Year Prerequisite: Biology with C or better Credit: 2 hours

CHEM 1010 Introduction to Chemistry (Zane State) - 213

This course is an introduction an introduction to fundamental chemical concepts with topics including, but not limited to, the metric system, atomic structure, periodic classification of elements, chemical bonds and compounds, mole concept, chemical equations and reactions, stoichiometry, gas laws, solutions, chemical equilibrium, and acids and bases.

Grade: CCP Length: Semester Prerequisite: Math 0970 Placement Credit: 3 hours

CHEM 1210 General Chemistry I (Zane State) - 214

This course focuses on the principles of general chemistry, including but not limited to, matter and measurements, dimensional analysis, atomic and molecular structures, chemical formulas, the mole, stoichiometry, solution reactions, thermochemistry, electronic structure at atoms, periodicity, bonding, molecular geometry, and states of matter. This course is recommended for students who are pursuing a degree in a STEM or a health related field. To take this course you must place into MATH 1340 or a grade of C or better in MATH 1240 and high school Chemistry or CHEM 1010 with a grade of C or better.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

CHEM 1220 General Chemistry II (Zane State) - 215

This course continues to investigate the principles of college chemistry, including: solutions, chemical equilibrium, acid/base chemistry, biochemistry and organic chemistry. Students will complete lab experiments related to these topics. This course is recommended for students who are pursuing an associate degree in science, engineering or an allied health related field. To take this class you must have earned a C or better in CHEM 1210.

Grade: CCP Length: Semester Prerequisite: See Description Credit: 4 hours

SOCIAL STUDIES DEPARTMENT

Students are required by the State of Ohio to earn 3 credits of Social Studies in American History, World History and Government

Length	Course No.	Title	Year	Credit
Year	300	World History	9	1
Semester	301	Current Events	9,10,11,12	0.5
Semester	302	Psychology	9,10,11,12	0.5
Semester	303	Sociology	9,10,11,12	0.5
Year	304	American History	10	1
Year	305	Government	11,12	1
Semester	306	MU HIST 110 Pre-Modern World History	CCP	3 hours
Semester	307	MU HIST 111 Emergence of the Modern World I	CCP	3 hours
Semester	308	MU HIST 112 Emergence of the Modern World II	CCP	3 hours

World History - 300

This course examines world events from 1600 to the present. It explores the impact of the democratic 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 and the effects of global interdependence. 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. Key historical periods include the Enlightenment, Industrialization, Imperialism, the World Wars and the Cold War.

Grade: 9 Length: Year Prerequisite: None Credit: 1.00

Current Events - 301

This course is designed to better familiarize students with the world around them. Students will attain and develop a greater comprehension of local, state, national and international issues and how those issues directly impact us. Through readings, discussions and debates, students will learn how to craft well-reasoned opinions grounded by factual information. This course will prepare students to better understand and participate in the democratic society in which they live. This class may be taken twice..

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Psychology - 302

This is an elective course that presents basic information on the history and present uses of Psychology. This course includes the behavior of individuals in the areas of growth and development, perception, learning, attitudes, motivation, emotions, conflict, personality, abnormal behavior, psychological disorders, therapy, mental health, and social behavior.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Sociology - 303

This is an elective class that is designed to offer insight into our complex and dynamic social environment. Students who take this course will look not only into themselves, but also into their classmates and the world around them. Some of the topics include socialization and the nature of culture (both locally and globally), conformity, deviance, and social stratification. This course will also include selected social problems like prejudice, discrimination, gender roles, crime, and poverty.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

American History - 304

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. 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. Key historical periods include Industrialization, Imperialism, World Wars, Cold War and key political and social developments in America during the decades of the 20th century.

Grade: 10 Length: Year Prerequisite: World History Credit: 1.00

Government - 305

This course will focus on American government at all levels and include an examination of the Constitution, Bill of Rights, three branches of government, law-making process, and state and local government. Students will be encouraged to develop citizenship skills and make connections between concepts in class and current events in America.

Grade: 11,12 Length: Year Prerequisite: American History Credit: 1.00

History 110 Pre-Modern World History (Muskingum University) - 306

Surveys selected aspects of World History from the beginning of civilization to the fourteenth century CE. Traces the political, economic, intellectual and cultural institutions and trends of various world societies of Asia, Africa, the Middle East, Europe and Western Hemisphere

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

History 111 Emergence of the Modern World I (Muskingum University) - 307

Surveys selected aspects of World History from the fourteenth to the eighteenth century. Traces the political, economic, intellectual, and cultural institutions and trends of various world societies of Asia, Africa, the Middle East, Europe, and the Western Hemisphere.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

History 112 Emergence of the Modern World II (Muskingum University) - 308

Surveys selected aspects of World History from the eighteenth century to the present. Traces the political, economic, intellectual, and cultural institutions and trends of various world societies of Asia, Africa, the Middle East, Europe, and the Western Hemisphere.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

FINE ARTS DEPARTMENT

Students are required by the State of Ohio to complete 2 semesters of fine arts.

Performing Arts

Length	Course No.	Title	Year	Credit
Year	400	Concert Choir	9,10,11,12	1
Year	401	Vocal Ensemble	9,10,11,12	1
Year	402	Concert Band	9,10,11,12	1
Semester	403	Music Theory I	9,10,11,12	0.5
Semester	404	Music Theory II	9,10,11,12	0.5
Semester	405	Jazz Ensemble	9,10,11,12	0.5
Semester	406	Guitar I	9,10,11,12	0.5
Semester	407	Guitar II	9,10,11,12	0.5
Semester	408	Piano I	9,10,11,12	0.5
Semester	409	Piano II	9,10,11,12	0.5
Semester	410	Music Technology	9,10,11,12	0.5
Semester	411	Digital Media	9,10,11,12	0.5
Semester	412	Solo and Ensemble (Vocal)	9,10,11,12	0.5
Semester	413	Solo and Ensemble (Instrumental)	9,10,11,12	0.5

Visual Arts

Length	Course No.	Title	Year	Credit
Semester	500	Art I	9,10,11,12	0.5
Semester	501	Art II	9,10,11,12	0.5
Semester	502	Art III	10,11,12	0.5
Semester	503	Art IV	10,11,12	0.5
Semester	504	Advanced Drawing	11,12	0.5
Semester	505	Advanced Painting	10,11,12	0.5
Semester	506	Three-Dimensional Design	11,12	0.5
Semester	507	Portfolio Development	11,12	0.5
Semester	508	Interdisciplinary Arts	9,10,11,12	0.5
Semester	509	Acting I	9,10,11,12	0.5
Semester	510	Acting II	9,10,11,12	0.5
Semester	511	Scene/Song Study of Musical Theater	9,10,11,12	0.5
Semester	512	Performance Class	9,10,11,12	0.5
Semester	513	Musical Theater History	9,10,11,12	0.5
Semester	514	Rock and Roll as Performing Arts	9,10,11,12	0.5
Semester	515	Stage Costume, Makeup, and Hair Design	9,10,11,12	0.5
Semester	516	Improvisation	9,10,11,12	0.5
Semester	517	Arts Management for Performance	9,10,11,12	0.5
Semester	518	Directing, Producing & Stage Management	9,10,11,12	0.5

Performing Arts

Concert Choir - 400

Is for students who enjoy vocal performance in a variety of settings including large group, solo and small ensembles. Students develop vocal technique and music reading skills through the study and performance of a variety of choral literature. Concert Choir performs a minimum of three concerts per year, participates in contests and performs at school and community events. Students enrolling in this class should be aware that attendance at rehearsals and performances (both during and after school) are part of the grade requirement.

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.00

Vocal Ensemble - 401

Acceptance into Vocal Ensemble is by audition only. Preference is given to students who have participated in concert choir and/or 8th grade choir. Students develop advanced vocal technique and music reading skills through the study and performance of a variety of choral literature. Vocal Ensemble performs at a minimum of six concerts per year, participates in contests and performs at school and community events. Students enrolling in this class should be aware that attendances at rehearsals and concerts (both during and after school) are part of the grade requirement.

Grade: 9,10,11,12 Length: Year Prerequisite: Audition Credit: 1.00

Concert Band - 402

The Concert Band provides students with a number of performance opportunities in a variety of settings. This includes: adjudicated, school and community events. The focus of this course is to continue to develop instrumental techniques and music performing skills gained while in previous years of Band. Participation and attendance are an integral part of the program. In addition to attendance during scheduled school hours, rehearsals and performances outside of school are required.

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.00

Music Theory I - 403

This course is open to students who are in a school performance class (band, choir, theater, guitar, piano). Students will begin with the basics of music, progress through compositional techniques and incorporate technology into learning and creating music. Students who wish to increase their musical knowledge or prepare for a musical career, are encouraged to take this course.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Music Theory II - 404

This course is open to students who are in the school performance class (band, choir, theater, guitar, piano) and have passed Music Theory I. Music Theory II will be offered at the same time as Music Theory I. This class will be a continuation of Music Theory I and build upon previous skills. It will include the study of harmonic structure, style, arranging and composition. Some independent work will occur during class time.

Grade: 9,10,11,12 Length: Semester Prerequisite: Music Theory I (B- or Higher) Credit: 0.5

Jazz Ensemble - 405

Jazz Ensemble will provide students the opportunity to study and perform many styles of jazz and popular music as well as improvisation. Instrumentation is limited to saxophones, trombones, trumpets, guitar, bass, piano, drum-set and is contingent upon the director approval including an audition if necessary. Students must be able to read music fluently for the instrument that they will be playing in the ensemble. In addition to attendance during scheduled school hours, after school practices and performances are required.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Guitar I - 406

Students in this class will play the acoustic guitar individually and in small groups. Students will learn how to read melody, chords and chord symbols and will play various types of guitar music. Acoustic guitars will be available to use during this class.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Guitar II - 407

Students will continue their work from level one and advance their playing skills in both individual and class performances.

Grade: 9,10,11,12 Length: Semester Prerequisite: Guitar I Credit: 0.5

Piano I - 408

Students in this class will play the piano individually and in small groups. Students will learn basic piano skills using both hands including 5 finger position, scales, chord progressions, fingering techniques, and accompaniment; learn basic music theory including notes and rhythms; and learn performance etiquette as a performer and as an audience member. Pianos are available for use during class.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Piano II - 409

Students will continue their work from level one and advance their playing skills in both individual and class performances.

Grade: 9,10,11,12 Length: Semester Prerequisite: Piano I Credit: 0.5

Music Technology - 410

Students in this class will explore various aspects of music technology including: recording, looping, remixing, editing and composing digital music and audio on the iPad. Students will also investigate recording equipment and careers in the music industry.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Digital Media - 411

This course will prepare students for a variety of career paths and will utilize the Ohio Department of Education Media Arts standards as a basis for curriculum. Students taking the course first semester will assist in the media presentations for the scoreboard for football games. Students taking the course second semester will utilize a variety of design elements and demonstrate the skillful adaptation and combination of tools, styles, techniques and interactivity to achieve specific expressive goals in the production of media arts.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Solo and Ensemble (Vocal) - 412

This course is aimed at music students preparing for participation in OMEA Solo and Ensemble events, honor's groups or college auditions. Students will learn to choose quality repertoire and learn techniques for preparing a solo, ensemble or audition repertoire. In addition to preparing their music, students will also focus on aspects of a successful performance. This class will build upon and extend the previous knowledge of the music student.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Solo and Ensemble (Instrumental) - 413

This course is aimed at music students preparing for participation in OMEA Solo and Ensemble events, honor's groups or college auditions. Students will learn to choose quality repertoire and learn techniques for preparing a solo, ensemble or audition repertoire. In addition to preparing their music, students will also focus on aspects of a successful performance. This class will build upon and extend the previous knowledge of the music student. Theater students may take this course in the 2nd semester if they are preparing to major in theater. They will prepare appropriate portfolios for the college audition process depending on the requirements of their university program.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Visual Arts

Art I - 500

This course is the foundation for all other visual art classes. Students will experience a broad range of 2D media. Students will critique, reflect and analyze their work, the work of professional artists and key historical pieces. Students will gain an understanding and appreciation of the arts in their daily lives. Students will keep a sketchbook and develop a portfolio. They will have to purchase supplies. The average cost could be over \$30.00. That includes their brushes, markers, acrylic paint and canvas panels and colored pencils.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Art II - 501

This course is a continuation of Art I. Students will experience more 2D and 3D media. As their skills and creative problem techniques grow, their ability to express original ideas, thoughts and concepts will deepen. Working from life and direct observation are still a key part of this course. Class critiques, and written reflections will help the students reach their personal goals. Students will continue to gain confidence in their skills and abilities. Students will continue their sketchbook and portfolio. They will have to purchase supplies; average cost could be over \$30.00.

Grade: 9,10,11,12 Length: Semester Prerequisite: Art I (B or Higher) Credit: 0.5

Art III - 502

This course will require students to develop a scope of work showing depth in selected media, personal style in original compositions and a working knowledge of design. Students will select three different media to explore, research, analyze and execute for their portfolio. Critiques and sketchbook reviews will help guide this process. Research will be done about various cultures, symbols, events, social issues and reoccurring themes past and present. This will help the students understand and create meaningful artwork. They will have to purchase supplies; average cost could be over \$40.00.

Grade: 10,11,12 Length: Semester Prerequisite: Art II (B or Higher) Credit: 0.5

Art IV - 503

This course is designed for the self-motivated student who works in a variety of media and needs to develop a portfolio suitable for college applications. The media could be 2D or 3D and it will be selected by the student. The students will work independently on their selected themes and projects. Each major project will be presented to the teacher for review and any needed modifications. The student's sketchbook is a key part to this process and way of working. Ideas are developed over time and research is needed for some concepts to be successfully carried out. Critiques and written reflections will continue. They will have to purchase supplies; the average cost could be over \$40.00.

Grade: 10,11,12 Length: Semester Prerequisite: Art III (B or Higher) Credit: 0.5

Advanced Drawing - 504

This course is an in-depth study of 2D design and related media. Students will draw from direct observations, still life arrangements and their own thumbnail sketches. Students will research styles and themes in 2D design and how it influences their daily lives. They will study careers and jobs that use drawing methods like industrial designers and architects. Past and present styles and themes will be analyzed. They will keep a sketchbook and portfolio. They will have to purchase supplies; the average cost could be over \$40.00.

Grade: 11,12 Length: Semester Prerequisite: Art II (B or Higher) Credit: 0.5

Advanced Painting - 505

This course is an in-depth study of all water based media that can be used in traditional and non-traditional painting methods. Many different tools, surfaces and related painting supplies will be covered. Students will experiment; develop studies of a subject before going on to the final rendering. In depth study of the key master pieces will help the students grow in their understanding of what makes a good painting. Students will develop a series of paintings or several large paintings. They will continue their sketchbook and portfolio. They will have to purchase supplies; the average cost could be over \$40.00.

Grade: 10,11,12 Length: Semester Prerequisite: Art II (B or Higher) Credit: 0.5

Three-Dimensional Design - 506

This course will expand on the foundation laid in Art I and Art II when designing artworks in 3D. Various materials and media will be used including clay, fibers, wood, metal and paper-mâché. Students will focus on functional and decorative pieces. They will research key artists and time periods that had a great influence on 3D design. They will maintain their sketchbook. They will have to purchase supplies; the average cost could be over \$40.00.

Grade: 11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

Portfolio Development - 507

If one semester is all that works in the student's schedule, it needs to be the first semester that the student takes this class to get the work done by the college deadlines. This course is an in-depth, independent study for students who are pursuing training, a degree or a career in the art field after high school. The body of work created during this class will be presented at portfolio reviews, scholarship competitions and college entrance requirements. A minimum of 20 original works of art will be created. Students must be self-motivated, be able to talk about their work and be comfortable with the critique process. The focus will be on refining skills, continuing the development of style, purpose and meaning in their work. Self-reflection and analysis will be part of the process. Students will have to purchase not only supplies, but matting and framing materials and presentation portfolios. Also some schools require a digital copy of all art work and there may be a cost. Students may take this for the entire year and receive a full credit.

Grade: 11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

Interdisciplinary Arts - 508

This course is taught jointly between the Art department and the Technology Department. Every student is selected to take this course.

Grade: 9,10,11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

Acting I- 509

The purpose of this course is to develop appreciation and knowledge of theater as a performing art and to apply that knowledge in the appropriate setting. This course is designed to give novice students a chance to explore theater. Students will be introduced to theater, plays and production elements, as well as fundamental skills involved in improvisation, oral interpretation, and acting. This will include team building, terminology, and acting/scene study. Spolin Improvisation and the Stanislavski method for acting will be used as teaching platforms, laying the foundation for well-trained actors at every level. Additional areas of focus will include Speech, Stage Management/Marketing, Basic Movement/Blocking. Students will participate in the preparation of our school productions through their class activities and are encouraged to participate in the after-school productions. This course is designed for every student in grades 9 - 12 and will be individualized and leveled based on individual skill placement. This course is based on Ohio Academic 2021 draft standards for drama, proficient level.

Grade: 9,10,11,12 Length: Semester Prerequisite: none Credit: 0.5

Acting II- 510

Description: Students performing at this level have previously taken an acting class and are considered experienced. This class will provide students an opportunity to advance the fundamentals of acting and scene study through a process of analyzing artistic style/themes, plot structures, and performing advanced monologues. Advanced Spolin Improvisation and the Stanislavski method for acting will be used as teaching platforms for all acting courses. Students will participate in the preparation of our school productions through their class activities and are encouraged to participate in the after-school productions. This course is designed for students in grades 9 - 12 and will be individualized and leveled based on individual skill placement. This course is based on Ohio Academic 2021 draft standards for drama, accomplished level.

Grade: 9,10,11,12 Length: Semester Prerequisite: Acting I Credit: 0.5

Scene/Song Study of Musical Theater- 511

This course is designed to develop an understanding and appreciation of musical theater as an art form and to understand its placement in the American Theatre setting. Students will not only learn how musical theater fits in a broader spectrum of performing arts, but also refine vocal and music techniques for stage performance, use of body movement and blocking, scene/song study, various musical styles, audition process and techniques. Performance based assessments. The course is based on the Ohio Academic 2021 draft standards for drama, proficient and accomplished level.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Performance Class- 512

This course is designed specifically for students that want to explore performance opportunities and focus on stage presence development. Students that study private voice, instrument, or dance, or enjoy performing and want more opportunities to perform are excellent candidates for this course. Connecting with your audience with a commanding stage presence is an integral part of performance success. Students will develop skills and techniques that are vital to a successful stage performance/stage presence. The instructor will utilize coaching as a platform for instructing students with an array of performance opportunities throughout the year. Audition process, marketing, and promotion will also be a focus of this course (as determined by individual medium.) The course will be based on the Ohio Academic 2021 draft standards for drama and music, accomplished level

Grade: 9,10,11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

Musical Theater History- 513

This course will examine the genre of musical theater through the study of scripts and video performances of musicals. The emphasis will be on the history of musical theater and its key composers, lyricists and playwrights. Students will study in-depth the production planned for PHS and actively develop and prepare for the production via class assignments and real world application of skills. They are encouraged to participate in the after-school productions. This course is based on the Ohio Academic 2021 draft standards for drama, proficient level.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Rock-n-Roll as Performing Arts- 514

This class will explore the time period before and leading up to Rock and Roll. Students will enjoy learning about the performances and musical styles in our country, leading up to the establishment of Rock and Roll as a musical style. This is for a student that wants to understand American music styles and specifically evaluate the performances of music styles leading up to, and including Rock and Roll. This course is based on the Ohio Academic 2021 draft standards for music, proficient level.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Stage Costume, Hair, Makeup Design- 515

This technical theater course will focus on design and production of stage hair, makeup and costuming. Students will learn basic procedures and techniques for developing appropriate stage costuming, hair and makeup based on elements of the script. The course will be based on the Ohio Academic 2021 draft standards for drama and music.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Improvisation- 516

This course is designed for students to explore their own reaction to acting on their feet! Physical and mental exercises will develop the integration of improv into acting. This course will enhance student spontaneity, creative response, physical sensory and range of their imagination. Spolin method will be used for this course. The course will be based on the Ohio Academic 2021 draft standards for drama.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Arts Management for Performance- 517

This course is designed for students to explore the field of arts management. Specifically in the area of performing arts. Students will create, develop, facilitate and evaluate the foundation of the arts management in cultural programs and organizations. The focus will be on arts managers and their role they play in theater companies, dance troupes, art councils, festivals and orchestras. Students will learn all dimensions of being an arts manager. This course is based on the Ohio Academic draft 2021 standards for drama.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Directing, Producing, and Stage Management- 518

This course will focus on all of the technical elements of theater. Students will study safety, theater terms, tools, props, scenery, construction and deconstruction (strike), lighting, audio, backstage work. Students will study scripts and apply proper execution of stage design development, management and directing elements. Students will demonstrate mastery by developing and applying techniques for school productions as student director, technical director, producer and/or portfolio presentation. Advanced students may use their skills from prior courses to bring to life original concepts, props, backdrops, costumes and scenic designs. Advanced students may also build scale models or drawings in preparation for full scale production/construction. They may also work on the school productions at the same time as their original work is in development. This course is based on the Ohio Academic draft 2021 standards for drama, proficient level and accomplished level , determined by individual student placement

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Health and Physical Education

Students are required by the State of Ohio to earn ½ credit of Health and ½ credit of PE

Length	Course No.	Title	Year	Credit
Semester	600	Physical Education	9,10,11,12	.25
Semester	601	Summer Physical Education	9,10,11,12	.25
Semester	602	Health	9,10,11,12	0.5
Semester	603	Athletic Training	9,10,11,12	0.5
Semester	604	P.E. Fitness	9,10,11,12	.25
Semester	605	No Credit Lifting	9,10,11,12	0
Year	607	Portrait of a Leader	9,10,11,12	0.5

Physical Education - 600

Physical Education is required of all students. The only exceptions are students with medical excuses on file in the office. The activities that fall within this course are designed to meet the new requirements established by the ODE. This course is designed to increase physical fitness and health levels and to develop skill and knowledge in a variety of sports and activities. Students will be required to develop their own personal fitness program and maintain a log for the semester according to the new ODE standard. If you take P.E. first semester, you may follow with P.E. second semester, completing all P.E. graduation requirements in one year. Students will be introduced to the use of heart monitors and core training through the use of exercise, medicine and Bosu balls. Activities will focus on the new ODE standards that students must be graded upon.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.25

Summer Physical Education - 601

Same description as regular physical education with these additions: Registration set by school (\$40 fee), plus additional fees for swimming, bowling, golf and other activities. Course usually runs three weeks, five days a week, four hours each day, and is offered in the morning or afternoon.

Grade: 9,10,11,12 Length: Summer Prerequisite: None Credit: 0.25

Health - 602

This course is required for graduation and for Mid-East CTC school attendance. This course will cover all areas of health: STDS/HIV/AIDS, infectious/non-infectious diseases, & tobacco. Drugs, alcohol, male/female relationships, nutrition and fitness will be some topics discussed. As per ODE, all students are required to complete a cognitive evaluation CPR course during this semester.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Athletic Training - 603

This is a credit flex course for high school credit which will require some additional paperwork. Focus is upon the initial management of common injuries resulting from physical activity. By understanding risk factors associated with participation in a variety of sports, students learn skills related to prevention, recognition and treatment. There will be some required time after school to work with school sports teams.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

PE Fitness - 604

This course will teach the proper techniques of weight lifting, along with spotting and safety guidelines. This course is designed to increase physical fitness and health levels, by combining physical education and fitness class activities. The class will include plyometric, core training through the use of exercise and bosu balls and team and individual activities (football, archery and aerobic activities). *This class in addition to a regular physical education course will fulfill the 1/2 physical education credit required for graduation. **This class **cannot** be combined with a PE waiver or another PE-Fitness class to fulfill the physical education credit required for graduation.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.25

No Credit Lifting- 605

This course will allow students to weight train during the school day. This class does not earn any credit and is reserved for students who are involved in interscholastic sports. Non-athletes who wish to weight train should take PE Fitness.

Grade: 9,10,11,12 Length: Semester Prerequisite: Athlete's Only Credit: 0

Portrait of a Leader- 607

This course is designed to equip & inspire our young leaders. Culture is formed from what its leaders permit, promote, and practice. We believe that, if left unattended, like a neglected garden, weeds, thistles, and thorns will take over. We believe that with principles guiding our decisions, values creating our principles, and discipline to hold firm to our values, we can build a culture that drives the behaviors that produce hope and opportunity in our school. We believe that Leaders *ARE* the difference. This course will blend the topics of leadership, teamwork, values, purpose, positive culture, personal development, grit, alignment, consistency vs complacency, focus, trust, effort, talent, listening, competition, clarity, cohesiveness, winning vs losing, college and career ready, habits, commitment, attitude, sportsmanship, and community. The course will be delivered through online modules through the Titan Leader App and/or Google Classroom, and feedback will be prepared to share with the student at each monthly discussion. The course can not be signed up for you have to be recommended for this class by a coach or teacher.

Grade: 9,10,11,12 Length: Year Prerequisite: Teacher Recommendation Credit: 0.5

Business

Students are required by the State of Ohio to earn ½ credit of Personal Finance and ½ credit of College and Career Readiness.

Length	Course No.	Title	Year	Credit
Semester	700	Keyboarding	9,10,11,12	0.5
Semester	701	Office Procedures	10,11,12	0.5
Semester	702	College and Career Readiness	11	0.5
Semester	703	Personal Finance	11,12	0.5
Semester	704	Consumer Business Education	12	1
Semester	705	Work Based Learning	12	2
Semester	706	ZS ECON 1510 Microeconomics	CCP	3 hours
Semester	707	ZS ECON 1520 Macroeconomics	CCP	3 hours
Semester	708	ZS BMCA 1010 Into. to Microcomputers	CCP	3 hours
Semester	709	ZS BUSM 1110 Principles of Management	CCP	3 hours
Semester	710	ZS BUSM 2620 Organizational Behavior	CCP	3 hours
Semester	711	ZS MKTG 1000 Marketing	CCP	3 hours

Keyboarding - 700

This is an elective class that is designed to provide an opportunity to learn to touch type on the computer keyboard using correct techniques as well as the development of speed and accuracy. Students will be introduced to the formatting of personal and business letters, tables, notes, memos, and reports. Online etiquette and how to write an email will also be addressed.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Office Procedures - 701

Instruction in office practices and procedures, office technology, and office environment. The class will provide training in the area of interactive multimedia development that includes creating, designing and producing the video announcements each morning.

Grade: 10,11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

College and Career Readiness - 702

This course exposes students to the requirements and skills needed to continue their education and/or develop their career paths beyond Philo High School. The course will focus on helping students decide what life path they will pursue after high school. While taking CCR, students will be exposed to different types of post-secondary education options (4-year traditional, 2-year military and technical career based, etc.). Some of the skills students will learn are: how to fill out an application, how to interview, what they need to obtain funding for their education and they will be exposed to different career paths. This course will help the students at Philo High School make the transition from high school student to productive career oriented adults.

Grade: 11 Length: Semester Prerequisite: None Credit: 0.5

Personal Finance - 703

Students will develop and utilize rational decision-making processes to form personal financial decisions in their roles as citizens, workers and consumers. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contacts and consumer protection.

Grade: 11,12 Length: Semester Prerequisite: None Credit: 0.5

Consumer Business Education - 704

This class helps students understand the world of business and how it affects them on a daily basis. Primary goals are to develop characteristics, habits, practices, and skills that help students be better citizens and consumers by focusing on the management of homes, family, and the workforce. Units include banking, the American economic system, comparison shopping, advertising, budgeting, consumer rights and responsibilities, insurance, and consumer protection agencies. This class is worth 1 credit and is all year long.

Grade: 12 Length: Semester Prerequisite: None Credit: 1.0

Work Based Learning - 705

Students will have sustained interactions with industry or community professionals in real workplace settings. Learning agreements should be developed in partnership with all relevant stakeholders, including, but not limited to, the student, parent and/or caregiver, employer or business mentor and instructor. The student should be the primary leader and decision-maker of the experience. Learning agreements and other documentation of the work-based learning experience (including financial records, evidence of planning, student reflections and supervisor evaluations) can and should be considered as a source of data for demonstrating student growth. Students must have employment at the beginning of the course. Students must work an average of 12 hours per week for each nine weeks and show documentation. Students will earn a pass or fail grade. This class is worth 2 credits and is all year long. THIS CLASS EARNS AN OHIO MEANS JOBS READINESS SEAL.

Grade: 12 Length: Semester Prerequisite: None Credit: 2.0

ECON 1510 Microeconomics (Zane State) - 706

Fundamentals of microeconomics: a study of the individual firm and how it allocates resources, prices goods and services, and organizes itself to meet competition. Focuses on the behavior of customers and supplies in the marketplace which affects the kinds of goods and services produced and consumed through an understanding of demand and supply schedules, elasticity and subdivision, fixed, variable, marginal and total revenue, and profit maximization, government intervention and income distribution. Enables students to apply economic reasoning to better understand and critically evaluate real world circumstances and events.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

ECON 1520 Macroeconomics (Zane State) - 707

A study of the overall performance of an economy of a society as a whole entity. Alternative economic systems are explored and macroeconomics students the various mechanisms a society can use to allocate scarce resources.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

BMCA 1010 Introduction to Microcomputers Concepts and App. (Zane State) - 708

This is a general survey course covering a variety of computer topics and applications. Computer history, concepts, and terminology will be explored. You will also be introduced to Windows and the Internet as well as Word, Access, Excel and PowerPoint.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

BUSM 1110 Principles of Management (Zane State) - 709

A study of managerial functions including planning, organizing, leading, and controlling; and their implementation by objectives, policies, decision making, authority, executive development, communication, and attitude.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

BUSM 2620 Organizational Behavior (Zane State) - 710

Students will study human behavior, emphasizing career successes, in organizations including business, industry and the government. Topics include motivation, high performance organizations, group and conflict processes. The student will use both learning theory and critical thinking skills in experiential exercises and case studies relevant to the workplace.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

MKTG 1000 Marketing (Zane State) - 711

A critical study of the field of marketing institutions and functions with an emphasis on problems and practices in marketing. Presents the development and present status of the marketing system in the United States. Areas covered are consumer and industrial markets, retailing and wholesaling structure, and marketing functions and policies.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 3 hours

World Languages

Length	Course No.	Title	Year	Credit
Year	800	French I	9,10,11,12	1
Year	801	French II	10,11,12	1
Year	802	French III	11,12	1
Year	803	French IV	12	1
Year	804	Spanish I	9,10,11,12	1
Year	805	Spanish II	10,11,12	1
Year	806	Spanish III	11,12	1
Year	807	Spanish IV	12	1
Year	808	American Sign Language I	9,10,11,12	1
Year	809	American Sign Language II	10,11,12	1
Year	810	American Sign Language III	11,12	1

French I - 800

This course is an introduction to the French language. Emphasis is placed on speaking, writing, reading and listening comprehension. The culture of France and other French-speaking countries is included in this course.

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.0

French II - 801

This course builds on the material learned in French I. Vocabulary is expanded through reading, translation and writing. There is continued study of grammar and culture.

Grade: 10,11,12 Length: Year Prerequisite: French I (C or Higher) Credit: 1.0

French III - 802

This course reviews, reinforces and builds on the language skills learned in French I and II. Reading, writing, grammar, speaking and culture are emphasized.

Grade: 11,12 Length: Year Prerequisite: French II(C or Higher) Credit: 1.0

French IV - 803

Reading, writing, speaking, listening, grammar and culture are continued in this course. French literature is studied. Students are required to purchase "*Le Petit Prince*".

Grade: 12 Length: Year Prerequisite: French III(C or Higher) Credit: 1.0

Spanish I - 804

This is a beginning course in the Spanish language and Hispanic culture. Students will be introduced to the language and various regional cultures. They will exchange information in the target language through writing and speaking activities within the school setting. Understanding in other disciplines will be reinforced through the foreign language. Included are greetings, expressions of emotion and feelings, exchange of opinions, numbers and time, and basic sentence structure. A comprehensive study of present tense verbs and subject pronouns, direct object pronouns, indirect object pronouns, and use of reflexive verbs will be completed. The simple future, imperfect and preterit tenses will be introduced.

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.0

Spanish II - 805

This is a continuation of Spanish I. It is a further study and application of Spanish grammar through written composition and oral presentation. It includes the study of the preterit and imperfect tenses, future and conditional tenses, and the subjunctive mood. Also included will be a comprehensive study of the present perfect and present progressive. Students will demonstrate an understanding of their own cultures as compared to those studied and recognize distinctive viewpoints from both cultures.

Grade: 10,11,12 Length: Year Prerequisite: Spanish I (C or Higher) Credit: 1.0

Spanish III - 806

Spanish III continues the study of grammar while building vocabulary through the introduction of literature. Students develop greater fluency through compositions, oral presentations and reading comprehension. There is also an in-depth study of Spanish speaking countries and their various cultures. NOTE: Spanish III students will use the language within and beyond the school setting by providing instruction in the language to other students within the district and cultural entertainment to those outside the school system. They will further understand and interpret the written and spoken language. Students will acquire additional information and recognize distinctive viewpoints through the modern language and its cultures. This class requires student planning and implementation of projects to demonstrate mastery of Ohio's World Language Standards.

Grade: 11,12 Length: Year Prerequisite: Spanish II (C or Higher) Credit: 1.0

Spanish IV - 807

This is an in-depth continuation of previous levels. Included in class will be a study of short stories, compositions and literature. Students are expected to develop greater fluency through the continued study of the language. Students will show evidence of becoming life-long learners by using the language for personal enjoyment and enrichment. NOTE: Spanish IV students will use the language within and beyond the school setting by providing instruction in the language to other students within the district and cultural entertainment to those outside the school system. Students will demonstrate an understanding of the nature of language and the concept of culture through comparisons of their own language to the Spanish language and Hispanic cultures. Students will demonstrate an understanding of products, practices, and perspectives of the cultures studied. This class requires student planning and implementation of projects to demonstrate mastery of Ohio's World Language Standards.

Grade: 12 Length: Year Prerequisite: Spanish III (C or Higher) Credit: 1.0

American Sign Language I - 808

This is a beginning course in which you learn first year skills for communicating with sign. Concepts such as letters, colors and numbers, basic communication sentences as well as other common first year language skills will be taught. The course will be delivered via video conferencing (live, interactive audio and video) and dual enrollment credit will be offered. Fee required for workbook.

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.0

American Sign Language II - 809

This course will be taught by a Philo HS teacher, not a distance learning class.

This is a continuation of ASL I. It is a further study and application of sign language. This course develops a deeper knowledge of ASL grammar and the Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside the school system. NOTE: Students may have an opportunity to attend an event for observation of sign language in use outside school hours and report back to the class in both written and/or signed forms. An alternative assignment will be given to student(s) not attending the event.

Grade: 10,11,12 Length: Year Prerequisite: ASL I (C or Higher) Credit: 1.0

American Sign Language III - 810

This course will be taught by a Philo HS teacher, not distance learning class.

This is a continuation of ASL II. This course develops a deeper knowledge of ASL grammar and Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside the school system. Students will serve as Teaching Assistants for ASL II and/or tutoring/teaching of ASL I/II, and elementary students, providing supervised teaching and expansion of ASL knowledge. NOTE: ASL III students will be expected to attend at least one approved scheduled event for observation of sign language in use outside school hours during the year. This class requires student planning and implementation of projects to demonstrate mastery of Ohio's Modern Language Standards.

Grade: 11,12 Length: Year Prerequisite: ASL II (C or Higher) Credit: 1.0

Technology

Length	Course No.	Title	Year	Credit
Year	900	STEM 1: Production Tech	9,10	1
Semester	901	STEM 2: Transportation Tech	9,10,11,12	0.5
Semester	902	STEM 3: Engineering Tech	10,11,12	0.5
Semester	903	STEM 4: Modular Tech	9,10,11,12	0.5
Semester	904	Woodworking Technology	9,10,11,12	0.5
Semester	905	Advanced Woodworking Technology	10,11,12	0.5
Semester	906	Creative Woodworking Technology	10,11,12	0.5
Semester	907	Communication Technology	9,10,11,12	0.5
Semester	908	Drafting	9,10,11,12	0.5
Semester	909	Advanced Drafting	9,10,11,12	0.5
Semester	910	Architectural Drawing	9,10,11,12	0.5
Semester	911	Service Learning Technology	11,12	0.5

STEM 1 Production Tech- 900

This exploratory course deals with manufacturing technology. Students will design and make products using Computer Numerical Controlled Machines and Woodworking Technologies. Students will be taught how to use hand and power tools for woodworking, Robotics, as well as learning employability skills and industrial safety procedures. **Safety glasses are required. This class is a prerequisite for Woodworking Technology.**

Grade: 9,10,11,12 Length: Year Prerequisite: None Credit: 1.0

STEM 2 Transportation Tech- 901

This exploratory course deals with TRANSPORTATION SYSTEMS, INFRASTRUCTURE, GENERATING POWER AND ALTERNATIVE ENERGY. Students will experience problem solving, design and experimentation using projects and computer simulations.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

STEM 3 Engineering Tech- 902

This course is for students who want to continue their Technology studies on an Engineering level, with Robotics. **VEX Robotics and Computer Programming is the primary focus for this course.** Students will design and construct a VEX competition robot and compete after school hours.

Grade: 10,11,12 Length: Semester Prerequisite: Teacher Permission Credit: 0.5

STEM 4 Modular Tech- 903

This is an independent study class, in which students are expected to exercise personal initiative in studying their chosen modules. The student will experience technical problem solving, design and experimentation in 2 modules. Technology modules available are: Mechatronics, Agricultural Technology, Biomedical Technology, Manufacturing, Telecommunications, Energy in Buildings, Alternative Energy, Pneumatics, Hydraulics, Basic Electricity, Electronics, Employability, Robotics & Automation, Mobile Robotics and Mechanisms.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Woodworking Technology- 904

This course is open to those students who still have a desire to learn more about woodworking. Woodworking II focuses on the planning and constructing of major projects involving furniture and cabinet making. A pair of state approved safety glasses are required to be worn at all times in all shop classes. This is a state law and will be strictly enforced (Senate Bill 237).

Grade:9,10,11,12 Length: Semester Prerequisite: Production Tech (B or Higher) Credit: 0.5

Advanced Woodworking Technology- 905

This advanced course is designed to give the student who has demonstrated the skill and interest in woodworking the chance to expand his/her knowledge to that of an experienced woodworker. Open to sophomores, juniors and seniors only. Safety glasses required.

Grade:10,11,12 Length: Semester Prerequisite: Woodworking Tech Credit: 0.5

Creative Woodworking Technology- 906

This course will allow the student to specialize in areas of his/her choosing, i.e.: cabinet making, furniture repair and refinishing and carving. Safety glasses required.

Grade:10,11,12 Length: Semester Prerequisite: Advanced Woodworking Tech Credit: 0.5

Communication Technology- 907

This exploratory course deals with communication technology. Students will do digital photography projects, in which they will have to insert their face or body into digital images. They will produce a final PowerPoint showcasing their digital images. There will be two digital video projects done using Sony Vegas, a picture show music video and a green screen video project.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Drafting- 908

This hands-on course deals with computer aided drafting and design, using Autodesk Inventor 3D CAD. It is a mechanical engineering class, designed for students interested in engineering. Students will use a 3D extrusion printer and computer numerical controlled router (CNC) Router to manufacture 3D objects.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Advanced Drafting- 909

This course is an expansion of the original Drafting course for the students who want to continue their studies on an Engineering level. Because of the independent nature of the course students must have taken and passed Drafting- 304 and have instructor permission to take this course.

Grade: 9,10,11,12 Length: Semester Prerequisite: Drafting Credit: 0.5

Architectural Drawing - 910

This hands-on course deals with Architecture and Construction. It teaches students to understand different types of drawings needed to construct a home. Students will use a 3D Computer Aided Drafting (CAD) home building software to design a home.

Grade: 9,10,11,12 Length: Semester Prerequisite: None Credit: 0.5

Service Learning Technology - 911

This community volunteer program is designed to incorporate leadership, computer and woodworking skills in areas of need, outside Philo High School. Students will leave school property to volunteer at designated sites to help younger students, senior citizens and other community people in need of this program's services. The classroom portion of this course will include units in writing journals, developing leadership skills and building character while holding students responsible for plans, projects and commitments. Students must provide their own transportation.

Grade: 11,12

Length: Semester

Prerequisite: None

Credit: 0.5

Agriculture

Length	Course No.	Title	Year	Credit
Year	1000	Agricultural Food and Natural Resources	9	1
Year	1001	Env. Science for Agriculture and Natural Resources	10	1
Year	1002	Vo-AG Capstone	11, 12	1

Agricultural, Food, and Natural Resources - 1000

This 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 organizations and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agricultural industry.

Grade: 9 Length: Year Prerequisite: None Credit: 1

Environmental Science for Agricultural, Food, and Natural Resources - 1001

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

Grade: 10 Length: Year Prerequisite: None Credit: 1

Vo-Ag Capstone - 1002

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the instructor and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

Grade: 11,12 Length: Year Prerequisite: 2 years of Vo-Ag Credit: 1

**PASS BOTH AGRICULTURAL, FOOD AND NATURAL RESOURCES AND ENVIRONMENTAL SCIENCE FOR AGRICULTURE FOOD AND NATURAL RESOURCES WITH A "C" AVERAGE AND YOU WILL RECEIVE AN ADDITIONAL FULL SCIENCE CREDIT.

Education

Length	Course No.		Title	Year	Credit
Semester	1200	MU	EDUC 110 Introduction to Education	CCP	1 hour
Semester	1201	MU	EDUC 112 Educational Implications of Diversity	CCP	3 hours
Semester	1202	MU	EDUC 215 Educational Psychology	CCP	3 hours
Semester	1203	MU	EDUC 335 Educational Technology	CCP	3 hours

EDUC 110 Introduction to Education (Muskingum University) - 1200

This course studies the purposes and practices of education, helping students determine whether they wish to become professional teachers. Topics include history of education, careers in education, motivation and discipline, analysis of teacher behavior, organization and goals of schools, the teacher, and the law.

Grade: CCP Length: Semester Prerequisite: Accuplacer Credit: 1 hour

EDUC 112 Educational Implications of Diversity (Muskingum University) - 1201

Presents a picture of the increasing diversity found within educational institutions and the implications it has for educators in developing both policy and practice.

Grade: CCP Length: Semester Prerequisite: EDUC 110 Credit: 3 hours

EDUC 215 Educational Psychology (Muskingum University) - 1202

This course is the study of how individuals learn by drawing on and combining various psychological theories and principles to improve teaching and learning. This course will examine the scientific study of human learning from both the cognitive and behavioral perspectives. It promotes the understanding of individual differences, intelligence, development, affect, motivation, self-regulation and self-concept. Educational psychology helps future teachers create a positive socio-emotional climate for effective learning.

Grade: CCP Length: Semester Prerequisite: EDUC 110 Credit: 3 hours

EDUC 335 Educational Technology (Muskingum University) - 1203

Develops knowledge and skills to integrate technology effectively into the classroom to support teachers in instruction, delivery, assessment, intervention and adaptation. This course is based on the National Education Technology Standards and the Ohio Technology Academic Content Standards.

Grade: CCP Length: Semester Prerequisite: EDUC 110 Credit: 3 hours

SPECIAL EDUCATION CLASSES

Modified Algebra; Modified Geometry; Modified Algebra 2; Modified Transitions; Modified English 9; Modified English 10; Modified English 11; Modified English 12; Modified Physical Science; Modified Biology; Modified Science III; Modified World History; Modified American History; Modified Government: These courses are based on the extended common core standards for each subject area. Students will participate in a modified and/or general education classroom setting based on individual student needs.

Life Skills I, II, III, IV – This course is designed to encourage social, academic and physical maturity. Topics covered will include social games, personal habits, home making, job related skills and making the transition from school to work/post-secondary. ½ credit, 1 semester.

Modified Health – This course is designed to help students deal with subjects related to personal health and well-being. ½ credit, 1 semester.

Employability – This program is designed to give the student the essential skills needed on the job. Special attention will be given to following directions, being self-motivated, getting and keeping a job. The course work will also include mathematics, proper use of tools, job safety, as well as everyday living skills from banking and consumerism to insurance and the law. 1 credit

PAES Lab - The course is designed to focus on gaining both soft skills and employability skills in the area of business/marketing, computer/technology, consumer/service, processing/production and construction/industrial. The course is designed to be a hands-on experience. Students are provided an environment that includes autonomy to complete their assigned job with a supervisor to check all jobs. This is a specialized curriculum designed for students with disabilities. ½ credit, 1 semester.

Work Study – The work-study program is designed to give students experience on the job. Topics covered will include personal hygiene, working with peers, time keeping, taking instructions, self-motivation, budgeting and teamwork. Credit assigned by supervisor.

Senior Seminar – Students hold a full-time job in the community and attend class once per week with the assigned instructor. Credits assigned by instructor.

Transition to Post School Readiness – Specialized curriculum designed for students with disabilities 14 years of age and older that provides training for the development of skills that supports the students transition to post school environments, including employment, postsecondary education, independent living or community participation. ½ credit, 1 semester

ONLINE COURSES

VIRTUAL CLASSROOM COURSES

Business

- 1300 - Marketing Basics (½ credit)

Career Training

- 1301 - Agriculture (¼ credit)
- 1302 - Business Administration (¼ credit)
- 1303 - Career Planning (½ credit)
- 1304 - Career Exploration (½ credit)
- 1305 - Career Readiness (½ credit)
- 1306 - Intro to Oil & Gas (¼ credit)
- 1307 - Oilfield Basics (1 credit)
- 1308 - Public Safety (¼ credit)
- 1309 - Stem Careers (¼ credit)
- 1310 - Study Skills (½ credit)

English Language Arts

- 1311 - Greek Mythology (½ credit)
- 1312 - Poetry (½ credit)
- 1313 - Roman Mythology (½ credit)
- 1314 - Short Stories (½ credit)

Entertainment Technology

- 1315 - Games Through The Ages (½ credit)

Family and Consumer Science

- 1318 - Child Development (½ credit)
- 1319 - Family Living (½ credit)

Fine Arts

- 1320 - Art History (½ credit)
- 1321 - History of Jazz (½ credit)
- 1322 - History of Rock & Roll (½ credit)
- 1323 - Introduction to Theatre (½ credit)
- 1324 - Music Appreciation (½ credit)
- 1325 - Renaissance Art (½ credit)

Mathematics

- 1329 - Advanced Math (1 credit)

Science

- 1334 - Forensic Science (½ credit)

- 1335 - Marine Biology (½ credit)
- 1336 - Medical Terminology (½ credit)

Social Studies

- 1337 - Economics (½ credit)
- 1338 - Financial Literacy (½ credit)
- 1339 - Personal Finance (½ credit)
- 1340 - Geography (½ credit)
- 1341 - Psychology (½ credit)
- 1342 - Sociology (½ credit)
- 1343 - Student Leadership (½ credit)

Technology

- 1344 - Computer Applications (½ credit)
- 1345 - Introduction To The Internet (½ credit)
- 1346 - Digital Skills (½ credit)
- 1347 - Digital Citizenship (½ credit)

Test Preparation

- 1348 - ACT Preparation 13th Edition (1 credit)