

DELTA
HIGH SCHOOL

COUNSELING
DEPARTMENT
HANDBOOK

2023/2024
SCHOOL YEAR

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GUIDANCE AND COUNSELING SERVICES

The Delta High School Counselor is Mrs. Amanda Hoffman. Her office phone number is 419-822-8247 Ext. 3112 and her email is ahoffman@pdys.org. Mrs. Hoffman sends emails to all students each week on Friday, and utilizes CANVAS and the high school counseling website.

Students are encouraged to visit the counseling office to see the counselor if they have questions or concerns. Students do not need to set up a formal appointment to see the counselor. However, they are encouraged to come to the counseling office during their study hall or lunch period, if their schedule permits. For non-emergency issues, students should email Mrs. Hoffman or come down to the counseling office. Parents are welcome to email or phone during school hours, to speak with the counselor or to set up an appointment.

Some areas in which a counselor may be of help include:

Academic: Course selection and scheduling, coping with the demands of high school, graduation tracking, study skills, opportunities for involvement in school and community life, and administration and interpretation of standardized tests.

Emotional/Social: Understanding oneself, discussion of personal concerns, friends, and relationships, family situations which affect school performance, and referral to school and community resources for psychological and psychiatric help, particularly the TACKLE program.

College/Career: Career opportunities, opportunities for post-high school education, colleges, technical schools, applications to colleges and technical schools, military, College Credit Plus, transcripts, college admissions, and ACT testing.

DELTA HIGH SCHOOL GRADUATION REQUIREMENTS

CLASS OF
2024-2027

4 English

4 Math (Mathematics units must include 1 unit of Algebra II or the equivalent of Algebra II.)

3 Science (Science units must include 1 unit physical science, 1 unit biological science and 1 unit advanced science.)

3 Social Studies (Social Studies units must include 1 unit of American history, 1 unit of American government, and 1 unit of World History)

2 semesters Physical Education (P.E. may be waived if student is eligible and completes proper paperwork.)

1 semester Health

1 semester Financial Literacy

5.5 electives (Must complete two semesters of Fine Arts between 7-12 grades. Fine Arts courses taken at the High School count toward the electives requirement.)

21 total credits

STATE OF OHIO GRADUATION REQUIREMENTS

In order to graduate from the State of Ohio, students must complete three parts.

1. Credits/High School Diploma-Students must receive a diploma from Delta High School.
2. Competency - Students must earn a "competency" score on the English language arts II and Algebra I (or integrated math I) end-of-course tests or complete other options.
3. Readiness- Earn 2 diploma seals. More information about the seals and other requirements is found on the DHS Counseling CANVAS page.

DHS RETESTING POLICY FOR EOC EXAMS

Delta High School policies adhere to the guidelines set forth by the Ohio Department of Education for determining the pathways to graduation. Student testing decisions are based on graduation options available to each class.

Delta High School will provide students the opportunity to retake State End-Of-Course tests throughout their academic careers during any given administration period that the State offers. If students have not met the required points for graduation, they will retake the End-Of-Course test(s). In addition, any student may choose to retake any Ohio End-Of-Course test, during any given test administration.

P.E. WAIVER

Ohio graduation requirements include 0.5 credits (2 semesters) of in class physical education (P.E.) OR a completed P.E. Waiver. To earn the PDY P.E. Waiver, a student must participate in two (2) non-concurrent seasons of interscholastic athletics, marching band or cheerleading during the first seven (7) semesters of high school AND complete the required paperwork according to the timeline listed on the *P.E. Waiver Application Form* and the *P.E. Waiver Completion Form*. Participation in one (1) complete season of interscholastic athletics, band or cheerleading counts towards one-half (1/2) of the P.E. Waiver for graduation requirements, provided the proper paperwork is submitted. The student must participate in the activity for the full season. There is no provision under ORC 3313.603 (L) to permit any type of partial P.E. Waiver excuse. Students must complete either the in-class option or the P.E. Waiver option. The P.E. Waiver does not result in academic credit. However, the Delta HS P.E. Waiver does fulfill the P.E. graduation requirement of the Ohio Department of Education. The P.E. Waiver must be completed by the end of the first semester of a student's senior year. Otherwise, the student will be placed in the needed P.E. classes second semester to meet the P.E. graduation requirement. It is the responsibility of the student to coordinate, maintain and submit the application and completion documentation by the required dates for each season.

Directions for Completion of P.E. Waiver Paperwork

1. Complete the **P.E. Waiver Application Form** including requested signatures and return to the high school counselor, according to dates below.
 - Fall P.E. Application – September 1
 - Winter P.E. Application – December 1
 - Spring P.E. Application – April 1
2. At the end of the season, fill out the **P.E. Waiver Completion Form**, have the activity supervisor (head coach or director) verify your participation in the activity, and return the completed form to the high school counselor according to the dates below.
 - Fall P.E. Completion Form - November 15
 - Winter P. E. Completion Form – March 15
 - Spring P.E. Completion Form – September 15 of following school year

ACADEMIC HONORS DIPLOMA

High school students can gain state recognition for exceeding Ohio’s graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet *all but one* of the following criteria, unless it is a minimum graduation requirement. Students must meet general graduation requirements to qualify for honors diplomas.

Academic Honors Diploma	
English	4 units
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit (must be high school credit)
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher

Please see the school counselor for more details on this diploma, as well as **additional Honors Diploma pathways**, or go to the Ohio Department of Education’s website at <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas/Academic-Honors-Diploma>

COURSE LOAD REQUIREMENTS

Every Delta High School student must register for a minimum course load of five (5) full credits. This requirement is also in accordance with the educational standards as set forth by the Ohio Department of Education. College Credit Plus (CCP) and Capstone students must carry a course load equivalent to a “full-time” student. A “full-time” student is defined as one who is taking at least five (5) year-long courses or their equivalent.

GRADE PLACEMENT

Generally, grade level classification is determined as follows:

- Sophomore - have earned at least 5 previous credits
- Junior - have earned at least 10 previous credits
- Senior - have earned at least 15 previous credits

GRADING SCALE

Letter Grade	Numerical %	Weight
A	90-100	4.0
B	80-89	3.0
C	70-79	2.0
D	60-69	1.0
F	0-59	0.0

SCHEDULE ADJUSTMENTS

It should be understood by parents and students that when registering for course work, students place an obligation upon the school administration to accommodate the courses requested, to staff them with qualified and certified teachers, and to provide adequate textbooks and materials. Students are encouraged to make realistic course selections based upon teacher recommendations and actual classroom performance.

DHS staff is unable to change schedules unless the student meets one of the following board-approved reasons:

1. Failure of a course/not meeting prerequisites
2. Completion of a course during Summer School or in Credit Recovery
3. Medical or emotional reasons
4. CCP schedule change
5. Computer scheduling conflicts

Seniors may request one course change if the following stipulations are met:

1. The student is on target in all areas of graduation;
2. The course involved in the schedule change is not required for the student to graduate;
3. Another course is available for the student during the same class period (for example: 1st period to 1st period is acceptable) to enroll and the schedule change does not impact the student's other scheduled class periods;
4. The schedule change will not negatively impact staffing needs, create changes to staff schedules, or adjust the building's Master Schedule; and
5. The schedule change will only occur within the first five days of the semester.

If the student's schedule change request meets one of the above reasons, a schedule change can occur within the first five days of the semester. In rare circumstances that a withdrawal is requested after this time, a grade of withdrawal/failure (W/F) will be recorded as the semester grade and will become part of the student's record. A note from a parent is required in this situation.

HOME SCHOOLING

Occasionally, students enroll at Delta High School after having been in an approved home-schooling program, which was registered through the Northwest Ohio Educational Service Center. In this situation, credits earned through Home Schooling may be applied toward graduation only if advance approval is given by the building principal or his/her designee and such credit is in accordance with the requirements of the PDY Board of Education and the State Board of Education. A maximum of six (6) credits may be earned outside the Delta High School curriculum and applied toward the graduation requirement of twenty-one (21). No more than four (4) of those credits may be applied to the state-mandated core curriculum requirements.

GRADUATION, REALITY AND DUAL ROLE SKILLS (GRADS)

This course will allow pregnant and parenting students to remain in school while developing parenting skills. Topics will include career readiness, financial management, relationship techniques, human growth and development and parenting styles and responsibilities. This is a dropout prevention program. See the counselor for a referral form.

CREDIT RECOVERY

The purpose of credit recovery is to make up previously failed courses. Students are enrolled in credit recovery on an as needed basis only, and will repeat previously failed courses through modules on a computer. Students will receive a letter grade in each course taken through credit recovery. Seniors are given first priority to enroll in a credit recovery course, and enrollment in any credit recovery course must be preceded by the principal's or the counselor's recommendation. **Credit Recovery courses are not NCAA approved.**

SUMMER SCHOOL

The purpose of summer school is to make up previously-failed courses. Students can only earn one credit per summer, in core courses only. Information regarding registration and cost for summer school will be provided to parents at the end of the school year by the high school principal.

COLLEGE CREDIT PLUS (CCP)

College Credit Plus is Ohio's free dual credit program allowing **college ready** students an opportunity to take college classes on campus or online and earn both college and high school credit. Eligibility is determined by assessment exam scores and individual college exam score requirements. Some optional expenses could be the student's responsibility. Transportation is not provided by the local school. Students and parents are **required** to attend a CCP counseling meeting. Students and parents are **required** to sign an Intent to Participate form by April 1, prior to the year of participation. Students must still meet all the local high school graduation requirements.

CREDIT FLEXIBILITY

As established by House Bill 1, credit flexibility is an opportunity for students to design an independent course. The requirements and expectations for credit flexibility are fully defined and explained in the flex credit handout available at the high school office.

FOUR COUNTY CAREER CENTER OFFERINGS

The Four County Career Center (Four County) offers specialized career training for juniors and seniors. This training is directed towards students who have an interest and aptitude in a particular profession. Students who attend Four County are Delta High School students and PDY provides their co-curricular activities, transportation, and transcripts. Students must also meet Delta High School graduation requirements and therefore, should give careful attention to completing the necessary course requirements of the freshman and sophomore years.

Students intending to enroll at Four County must have completed two years of high school and be on track for graduation. To attend Four County, a student should have earned at least eight (8) credits in the freshman and sophomore years. It is recommended that students have a minimum of the following credits prior to going to Four County: 2 credits in English, 2 credits in Social Studies, 2 credits in Science, and 2 credits in Math. In addition, ½ credit in Health, ½ credit in Physical Education, and ½ credit in Financial Literacy are **highly suggested** before attending Four County. A student should see his/her counselor for additional information about specific program requirements. Students can apply online on Four County's website starting on December 1.

COLLEGE TESTS

Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT): These are combined into one test that is given at the high school once a year during October to any sophomore or junior wishing to take it. This test is a screening for the selection of finalists for the National Merit Scholarship Program. It enables a student to draw comparisons between his/her math and verbal skills in order to allow for strengthening areas of weakness in the senior year. The PSAT assists students in early and realistic planning for college choices.

In December, online results become available to the school counselor and will be reviewed individually with each student who participated. This test score is not reported to colleges and does not act as a college admissions requirement.

Scholastic Aptitude Test (SAT): The SAT is often called the “College Board”. The SAT is a three-hour objective test designed to measure how well students have developed verbal and mathematical skills, based on a scale of 200 - 800. The test is given several times each year. The best time to take the test is during the spring of junior year or early fall of the senior year. Delta High School is not a testing site for the SAT; however, there are other schools that are testing sites within a reasonable distance from Delta. When registering, the student can choose the location that is most convenient to them.

Students and parents can visit the SAT website for details on registration and deadlines. The website is www.sat.org

American College Testing Program (ACT): The ACT is a measure of academic aptitude in English, mathematics, social studies, natural sciences, and writing. It is required for admission and placement by many colleges. Delta High School is a testing location for ACT test dates that occur in October, December, February and April each year. Students are not required to take the ACT at their home school. Students may take the test at the most convenient testing location. However, students must report Pike-Delta-York as their school district, regardless of the location of their test, to ensure that test results are reported to Delta High School. Students who attend Four County must report their school district as Pike-Delta-York so that their scores can be reported on their transcript

Students and parents can visit the ACT website for details on registration and deadlines. The website is www.actstudent.org. Additionally, the ACT will be administered one time at no cost to all students during the spring of their junior year.

Colleges generally use either the SAT or the ACT for admission/placement of students. A student must check the college or university’s website to determine which tests are required or recommended by the college he/she chooses. It is the student’s responsibility to register online for the test and test date that they prefer. There are preparation suggestions on each test website that can help students prepare for taking the test. There are also a variety of test prep websites available online for free or for a fee.

Advanced Placement (AP): Any high school student may elect to participate in Advanced Placement (AP) testing per College Board policy, regardless of enrollment in a course labeled as Advanced Placement. Students can take as many AP Exams as desired; in fact, with the exception of the AP Capstone Diploma program, the AP Program does not require students to take an AP course before taking an AP Exam. While AP testing is not paired with specific course names in the Counseling Handbook, students may choose to take AP exams associated with content covered in the following courses at Delta High School:

AP English Language and Composition
AP United States Government and Politics

AP Calculus
AP Statistics
AP Biology
AP Chemistry
AP Physics
AP Spanish Language and Culture
AP Studio Art

Please see the school counselor for more information about AP Exams. Students are responsible for exam fees. More information about these exams and other exams offered by the College Board can be found at <https://apstudent.collegeboard.org/home>.

COLLEGE ADMISSIONS

Please visit the DHS Counseling CANVAS page for a variety of resources related to college/future planning.

What are the criteria for college admissions? Because there are well over 2,400 colleges, each one having its own admissions standards, generalizations about admission requirements are difficult to make. Most schools, however, consider the following criteria:

1. Class Rank and Cumulative Grade Point Average (GPA) - Each student's position in the class is based on the cumulative Grade Point Average (GPA) in grades 9 - 12. This rank is a simple means of showing how well a student did in school, and it is one important consideration. The rank a student must have for admission depends upon the college. A student's class rank is listed on his/her transcript.
2. College Entrance Exam Scores - These scores are required by most colleges and universities, with the exception of some community colleges. As a rule, college entrance exam scores are second in importance only to class rank and the quality of the student's course of study.
3. Courses Taken - Courses that the student takes in high school support the proposed field of interest (major) in college. For example, a student thinking of majoring in engineering should take the higher-level math and science courses.
4. Recommendations - Recommendations can be of considerable importance, especially for the more competitive colleges. The number and kind of recommendations are generally dictated by the college.
5. Activities and Athletics - Activities such as music, drama, yearbook, athletics, community service, and church can be important, especially for the more competitive colleges. Generally, concentration in one or two activities carries more weight than does superficial participation in a lot of activities.

WHEN TO APPLY TO COLLEGE

Students are encouraged to complete all college applications by early-mid November. The student should also confirm the application deadline with each college they plan to apply to. Never wait until the last minute to fill out an application, especially if recommendations are required. Teachers should be given at least two weeks to write a recommendation for a student, and the high school counselor will need one week to prepare and send transcripts.

HOW TO APPLY TO COLLEGE

Students can apply to the colleges and universities of their choice by following the instructions on the institutions' website. All colleges and universities have online applications through their websites and/or through a collective website such as commonapp.org. The collective websites are convenient to use because the student only needs to complete one application for several selected colleges. Each college will have different requirements and the student will need to follow all directions carefully to ensure that all parts of the application are complete, or deadlines may be missed. Once the student has completed the application(s), he or she will need to see the counselor to request a transcript. The counselor will send the transcript either electronically or through postal mail within one week of the request.

Students are responsible for checking deadlines for college applications as well as ACT, SAT, and Achievement Test dates. They are also responsible for requesting that ACT, SAT, etc. send his/her scores to specific colleges. Some of the colleges/universities that require ACT scores directly from ACT are: University of Cincinnati, Miami University, The Ohio State University, University of Toledo and University of Michigan.

FINANCIAL AID

Most money for meeting college costs is obtained through various forms of financial aid such as federal grants, federal education loans, and/or scholarships.

Each year a Financial Aid Workshop is held at DHS. It is open to all college-bound seniors and their parents. Parents and students are encouraged to begin filling out the Free Application for Federal Student Aid (FAFSA) online as early as October 1st, using the previous year's income tax information. Funds are distributed on a "first come, first served" basis.

Parents and students are strongly encouraged to complete the FAFSA because many financial aid programs, including State and Federal ones, require the FAFSA. Also keep in mind that need is not determined solely on income, but on a combination of many variables (such as other children in college), as well as the cost of the college. Check out FAFSA on the Web - the fastest way to apply for student financial aid. <http://www.fafsa.ed.gov/>

Scholarships are available to students through various sources. The school counselor will present the application and requirements for multiple local scholarships to the senior class during February of each school year. Scholarships are also available through various other local or state organizations. It is the student's responsibility to research and apply for the scholarships available. The high school counselor will communicate with students about any scholarships that the counselor is made aware of. However, it is the student's responsibility to complete the necessary requirements for the scholarship. Please visit the DHS Counseling CANVAS page for more information.

COURSE OFFERINGS

2023/2024
SCHOOL YEAR

ENGLISH COURSES

College Prep English 9 - 1 Credit - Full Year

(NCAA approved core course)

This class is designed for the student who may attend college upon graduation from high school. Students will work with lessons to prepare them for their college studies with emphasis on reading, writing, vocabulary, and spelling. The course will involve the study of various types of literature and literary concepts including short stories, novels, the epic poem and poetry. A research paper, grammar and critical thinking skills will also be studied with assigned projects appropriate in those areas of concentration. Students will also be given opportunities to prepare for upcoming State testing with practice lessons reviewed in class in addition to those target areas met with curriculum plans.

Advanced College Prep English 9 - 1 Credit - Full Year

(NCAA approved core course)

To be eligible for application to this class a student **must first meet specific criteria**. These include a **95% attendance record and an A or B average in their most recent language art and reading classes as verified by their most recent teachers in those areas**. **In addition, a one-page essay** will be written and then reviewed and deemed acceptable by the freshman language arts teacher and/or other high school language arts teachers if necessary. Failure to have any of the above requirements will mean automatic placement in the other freshman English class. The high school freshmen arts language teacher determines class admittance after reviewing all the above-submitted criteria.

This class is designed for the student who plans on taking advanced classes offered during their high school years, or enrolling in college classes while attending high school, as well as attending college upon completion of their secondary education courses. This class works at an accelerated level with students reading two novels during summer vacation as well as several others throughout the school year. Emphasis will be placed on analytical in-depth responses with the various concepts of language arts including reading, writing, speaking, and research skills. Areas of specific study involve Greek tragedies, Shakespeare, research papers, speeches, and grammar. Students will also be given opportunities to prepare for upcoming State testing with practice lessons reviewed in class in addition to those target areas met with curriculum plans.

College Prep English 10 - 1 Credit - Full Year

(NCAA approved core course, Ohio EOC tested course)

During the course of College Prep English 10, the student studies basic reading, writing, speaking, and listening skills. The student will experience a variety of literary works, studying the various genre-specific elements of fictional short stories, non-fiction essays, poetry, drama, and novels. Writing to communicate effectively by using correct grammar, vocabulary, and punctuation will be emphasized. Writing styles for the course will include research, narrative, descriptive, expository and persuasive forms. A unit on careers will instruct students how to complete a resume, prepare for a job interview, and research a career. Students will also be given opportunities to prepare for the upcoming Ohio EoC test (ELAII) with practice lessons reviewed in class in addition to those target areas met with curriculum plans.

Advanced College Prep English 10 - 1 Credit - Full Year

(NCAA approved core course, Ohio EOC tested course)

Acceptance in this class will be based on attendance, performance in previous English courses, or potentially a writing sample/testing process, and teacher approval. Students will be assigned at least two novels to be read over the summer, with worksheets to be completed for the first week of school. This course covers the same elements as College Prep English 10, but with a more accelerated and analytical approach. Curriculum will include writing, varied types of readings such as novel and drama, vocabulary, speech, and technology-based assignments. Students in this class will be provided with opportunities to prepare for the Ohio EOC test (ELAI) as well as the ACT. Upon course completion, students should be eligible and equipped to take Advanced College Prep English 11 their junior year of high school.

College Prep English 11 - 1 Credit - Full Year

(NCAA approved core course)

During the course of College Prep English 11, students study the chronological history of American literature, starting with the works of the Native Americans and working through the Colonial Period, Romanticism, and Realism. The course stresses the relationship between the world in which an author lives and the author's response to that world. Students observe the literary techniques of American authors and apply these observations by responding to their own world in reflective, creative, and analytical compositions. Students also work to improve writing skills by studying vocabulary, grammar, mechanics, and sentence structure. An additional goal of this course is to prepare students for the ACT.

Adv. College Prep English 11 - 1 Credit - Full Year

(NCAA approved core course)

Acceptance into this class will be based on attendance, performance in previous English courses, a writing sample/testing process, and/or teacher approval.

This course covers the same material as College Prep English 11, but at a much more accelerated pace. Several writing assignments of an in-depth analytical approach will be assigned. Assignments blending oral and media skills are expected. Additionally, several novels will be read during the school year as well as during the summer months. The goal of this course is to prepare students for the Advanced Placement test, the ACT, and college writing.

College Prep English 12 - 1 Credit - Full Year

(NCAA approved core course)

During the course of College Prep English 12, students will primarily study British literature from a chronological perspective. Other literature of the world will also be covered. Literary techniques, vocabulary, grammar, sentence structure, and mechanics are reviewed, and the writing process is practiced through a variety of creative and analytical compositions.

Honors English 12 - 1 Credit - Full Year

(NCAA approved core course)

Acceptance into this class will be based on attendance, performance in previous English courses, a writing sample/testing process, and/or teacher approval.

This course covers the same material as College Prep English 12 but at a much more accelerated pace. Several writing assignments on an in-depth analytical approach will be assigned. Additionally, several

novels will be read during the school year, as well as during the summer months. The goal of this course is to prepare students for the Advanced Placement exam, college placement tests, and more intensive college writing. Students taking the Advanced Placement exam for English Literature and Composition will not have to take the class final exam.

Senior Composition - ½ Credit - 1st Semester

(This class is only for students intending to take College Writing I, NCAA approved core course)

This high school course is a prerequisite for the University of Findlay College Writing I CCP course. In this introductory course, we analyze the heuristics used in the process of writing, discussing and experimenting with the ones that best serve the individual writers. Audience awareness and purpose are stressed, as the idea of discovery and learning through writing is encouraged. Approaches to college and scholarship application essays and annotated bibliographies are addressed early on. Additional essays will be profiles, interpretations, and reviews.

MATHEMATICS COURSES

Algebra 1 - 1 Credit - Full Year

(NCAA approved core course, Ohio EOC tested course)

Algebra 1 is a first-year course that is designed to follow the Ohio Learning Standards. It stresses both the structure of algebra and the development of mathematical reasoning and problem-solving skills. Relationships that are a) numerical, b) graphical, and c) algebraic will be stressed.

Specific units of instruction will include: a) working with equations and inequalities in one and two variables, b) linear, exponential, and quadratic functions, c) descriptive statistics, and d) general mathematical reasoning.

Algebra 2 - 1 Credit - Full Year

Prerequisite: Algebra 1 (NCAA approved core course)

Algebra 2 is designed to follow the Ohio Learning Standards. It is a continuation of the study of Algebra 1 and other topics, which will be reinforced and extended. Such topics include: a) solving equations with one or more variables, b) graphing linear and quadratic functions, c) solving application problems, d) inequalities, e) logarithmic, exponential, and trigonometric functions, f) complex numbers, and g) sequences and probability.

A graphing calculator is *recommended* for this class. Please see instructor for information.

Geometry - 1 Credit - Full Year

Prerequisite: Algebra 1 and Algebra 2, or instructor permission (NCAA approved core course, Ohio EOC tested course)

Geometry is designed to follow the Ohio Learning Standards. It stresses development of geometrical properties and the use of algebra to determine numerical values that represent properties of geometric figures.

Specific units of instruction will include: a) use of coordinates to determine properties and characteristics of geometric shape, b) relationships involving intersecting, parallel, and perpendicular lines, c) characteristics of congruent and similar figures, d) transformations performed on geometric shapes, e) general study of two and three-dimensional figures, and f) geometric construction technique

Statistics -1 Credit - Full Year

Prerequisite: 3 years of high school mathematics including Algebra 2 and teacher recommendation (NCAA approved core course)

Statistics is a beginning course in the study of descriptive and inferential statistics utilizing only rudimentary skills of arithmetic and algebra. Specific topics include measures of central tendency, measures of variability, elementary probability, confidence intervals and hypothesis testing. A graphing calculator is required. Please see the instructor about this purchase.

Math Modeling and Reasoning- 1 Credit- Full Year

Prerequisite: Algebra 1, Algebra 2, Geometry. For students not intending to pursue a career that requires calculus

This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. It is a yearlong course taught using student-centered pedagogy.

This course would be especially appropriate for students with **some** of the following characteristics:

- Anticipating a career in the arts or behavior sciences;
- Anticipating a career that emphasizes utilizing measurements or units;
- Pursuing a pathway that does not require calculus; and/or
- Enjoys hands-on, collaborative work within real-world contexts.

This course will prepare students to enter directly into a credit-bearing math course at the postsecondary level or to go directly into a career field.

Pre-Calculus- 1 Credit- Full Year

Prerequisite: Algebra 2 and teacher recommendation (NCAA approved core course)

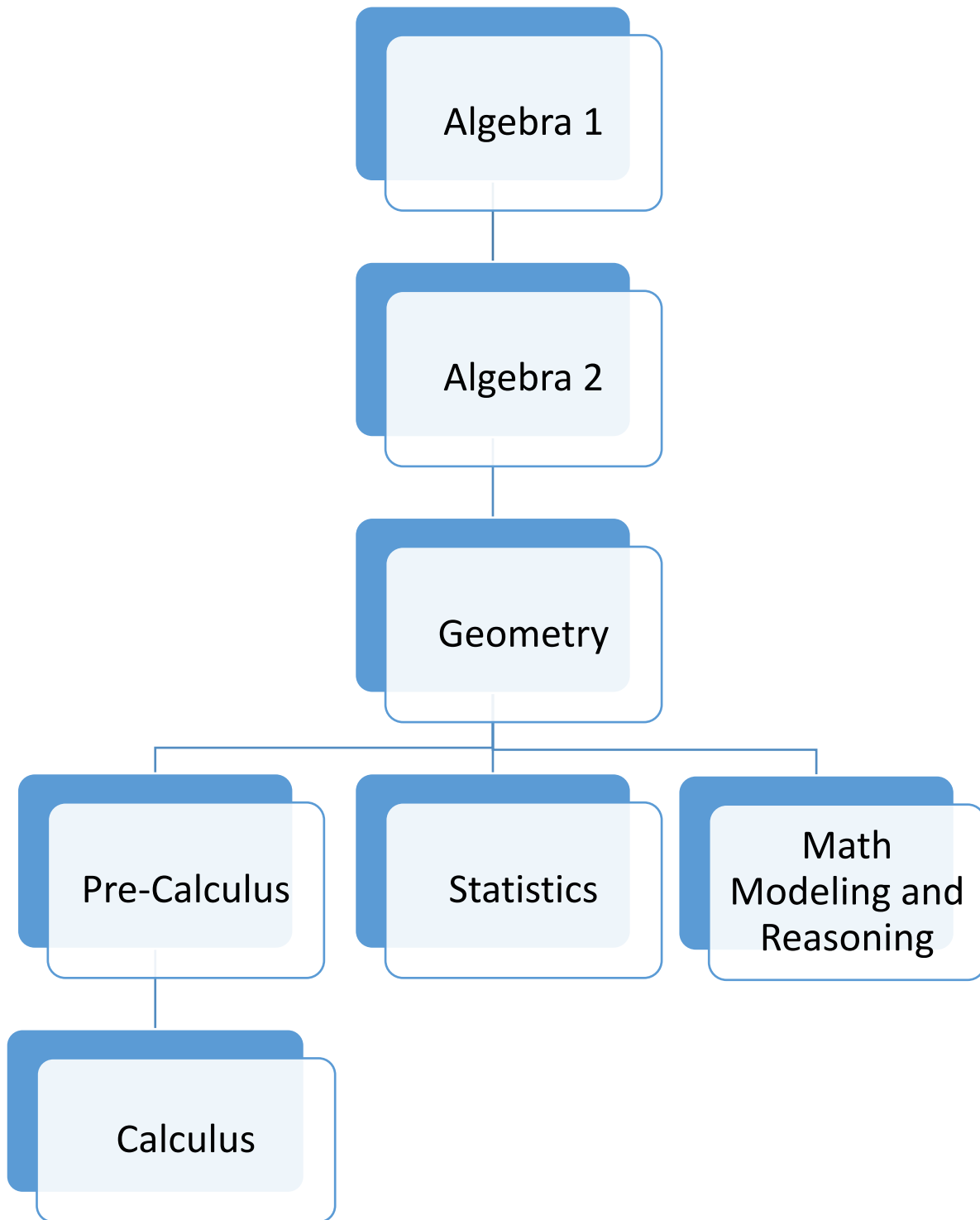
Pre-Calculus is designed to prepare students to take Calculus. The course expands upon algebraic concepts and emphasizes work with functions such as polynomial, exponential, logarithmic, and trigonometric. Additional topics may include sequences and series, probability, matrices, conic sections, and limits. Students will be required to purchase a Texas Instrument graphing calculator for use in class. Information about this purchase will be given to students in the spring prior to them taking the course.

Calculus - 1 Credit - Full Year

Prerequisite: Algebra 3 or Pre-Calculus, and teacher recommendation (NCAA approved core course)

Calculus is intended for students who have a thorough knowledge of pre-calculus mathematics. Calculus consists of a study of the techniques and meaning of the processes of differentiation and integration. Other topics include limits, continuity, implicit differentiation, extrema, the Mean Value Theorem, applications of the derivative, and antidifferentiation including applications. A graphing calculator is required. Please see the instructor about this purchase.

Mathematics Course Flowchart



SCIENCE COURSES

During grades 9 through 12, all students must use the following scientific processes with appropriate laboratory safety techniques to construct their knowledge and understanding in all science content areas:

- Identify questions and concepts that guide scientific investigations;
- Design and conduct scientific investigations;
- Use technology and mathematics to improve investigations and communications;
- Formulate and revise explanations and models using logic and evidence (critical thinking);
- Recognize and analyze explanations and models; and
- Communicate and support a scientific argument

Physical Science - 1 Credit - Full Year

(Required for all freshmen, unless taking Advanced Biology 9th grade year. NCAA approved core course)

This course will be taught using the Ohio State Science Standards. The physical science content includes study of matter, energy and waves, forces and motion, and The Universe. The students will use the following scientific processes with appropriate laboratory safety techniques to construct their knowledge and understanding of these concepts: identify questions and concepts that guide investigations, design and conduct scientific investigations, use technology and math to improve investigations and communications, formulate and revise explanations and models using critical thinking, and communicate and support a scientific argument.

Biology - 1 Credit - Full Year

(Taken sophomore year if Physical Science was taken freshman year, NCAA approved core course, Ohio EOC tested course)

Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them.

Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communications skills and real-world applications.

Advanced Biology - 1 Credit - Full Year

Prerequisite: A or B average in Physical Science and/or the recommendation of 8th grade teacher or the Physical Science teacher. Freshman Advanced Biology students are required to take Chemistry their sophomore year. (NCAA approved core course, Ohio EOC tested course)

Advanced Biology investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them.

Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communications skills and real-world applications.

Students will evaluate higher level scientific readings and complete dissections.

Anatomy and Physiology - 1 Credit - Full Year

Prerequisite: A passing grade in Biology or Advanced Biology (NCAA approved core course)

This is an in-depth course dealing with the chemical and physical processes that occur in the human body. It will stress an understanding from the cellular level to the integration of various systems. Topics of study include the cell and general physiology, the skeletal and muscular systems, the heart and circulation, body fluids and kidney function, respiration, gastrointestinal physiology and metabolism, and the neuroendocrine integration of body systems. This course is highly recommended for students interested in a medical career or other health-related field. Pig dissection is an integral part of this course.

Chemistry - 1 Credit - Full Year

Prerequisite: A passing grade in Advanced Biology or Physical Science and Biology (NCAA approved core course)

This course will be taught using the Ohio State Science Standards. The chemistry content includes structure and properties of matter, and interactions of matter. The students will use the following scientific processes with appropriate laboratory safety techniques to construct their knowledge and understanding of these concepts: identify questions and concepts that guide investigations, design and conduct scientific investigations, use technology and math to improve investigations and communications, formulate and revise explanations and models using critical thinking, and communicate and support a scientific argument.

Environmental Science - 1 Credit - Full Year

Prerequisite: Advanced Biology or Physical Science and Biology (For juniors and seniors only, NCAA approved course)

This course will be taught using the Ohio State Science Standards. The environmental science content includes Earth systems, Earth's resources, global environmental problems and issues. The students will use the following scientific processes with appropriate laboratory safety techniques to construct their knowledge and understanding of these concepts: identify questions and concepts that guide investigations, design and conduct scientific investigations, use technology and math to improve investigations and communications, formulate and revise explanations and models using critical thinking, and communicate and support a scientific argument.

Physics - 1 Credit - Full Year

Prerequisite: A passing grade in Advanced Biology or Physical Science and Biology (NCAA approved core course)

This course will be taught using the Ohio State Science Standards. The physics content includes motion, forces, momentum, energy, waves, electricity and magnetism. The students will use the following scientific processes with appropriate laboratory safety techniques to construct their knowledge and understanding of these concepts: identify questions and concepts that guide investigations, design and conduct scientific investigations, use technology and math to improve investigations and communications, formulate and revise explanations and models using critical thinking, and communicate and support a scientific argument.

SOCIAL STUDIES COURSES

World History 1750 to the Present - 1 Credit - Full Year

(9th grade, NCAA approved core course)

In this required course, students study historic eras, geographic settings, cultural perspective, economic systems and various forms of government. Their studies will incorporate each of the seven standards as they strive to gain an understanding of the history of the world. An emphasis will be placed on how the world has evolved into an interdependent global environment.

United States History from 1877 to the Present - 1 Credit - Full Year

(10th grade, NCAA approved core course, Ohio EOC tested course)

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.

American Government: The Challenge of Democracy - 1 Credit - Full Year

(11th grade, NCAA approved core course, Ohio EOC tested course)

This course is designed to familiarize students with the various social, political, and economic forces that operate within a democratic society. Students will gain an understanding of how the three branches of government operate at the local, state, and national levels. Emphasis will be placed on the advantages and challenges that face democratic societies. This course is geared to prepare students for active participation in our representative democracy.

Human Behavior - 1/2 Credit - Semester

(NCAA approved core course)

The course will deal with identification of man's various behaviors. The growth and development of individuals in different states of life will be studied and compared.

Sociology - 1/2 Credit - Semester

(NCAA approved core course)

This course is designed to construct insights into group behavior and how social living influences behavior. Major social problem areas will be identified and discussed.

FOREIGN LANGUAGE COURSES

Spanish 1 - 1 Credit - Full Year

Prerequisite: C or higher in English (NCAA approved core course)

This yearlong course is the first level of Spanish study and is designed to introduce students to both the Spanish language and the culture of the Spanish-speaking world. Students will be assessed using the Ohio World Language Standards of Communication and proficiency-based grading to show what they *can do* in the modes of communication (interpretive, interpersonal, presentational) and with culture (the how, what and why of the new culture and your own). The aim of this class is to introduce students to the four elements of language study: listening, speaking, reading, and writing while studying four relevant, real-world theme based units.

Spanish 2 - 1 Credit - Full Year

Prerequisite: Proficiency level of Novice Mid-1 or higher at the end of Spanish 1 (NCAA approved core course)

This yearlong course is the second level of Spanish study and is designed to expand students' knowledge of the Spanish language and the culture of the Spanish-speaking world. Students will be assessed using the Ohio World Language Standards of Communication and proficiency based grading to show what they *can do* in the modes of communication (interpretive, interpersonal, presentational) and with culture (the how, what and why of the new culture and your own). The aim of this class is to continue developing the four elements of language study: listening, speaking, reading, and writing while studying four relevant, real-world theme based units.

Spanish 3 - 1 Credit - Full Year

Prerequisite: Proficiency level of Novice High-1 or higher at the end of Spanish 2 (NCAA approved core course)

This yearlong course is the third level of Spanish study and is designed to expand students' knowledge of the Spanish language and the culture of the Spanish-speaking world. Students will be assessed using the Ohio World Language Standards of Communication and proficiency based grading to show what they *can do* in the modes of communication (interpretive, interpersonal, presentational) and with culture (the how, what and why of the new culture and your own). The aim of this class is to continue developing the four elements of language study: listening, speaking, reading, and writing while studying four relevant, real-world theme based units.

Spanish 4 - 1 Credit - Full Year

Prerequisite: Proficiency level of Novice High 3 or higher at the end of Spanish 3 (NCAA approved core course)

This yearlong course is the fourth level of Spanish study and is designed to expand students' knowledge of the Spanish language and the culture of the Spanish-speaking world. Students will be assessed using the Ohio World Language Standards of Communication and proficiency-based grading to show what they *can do* in the modes of communication (interpretive, interpersonal, presentational) and with culture (the how, what and why of the new culture and your own). The aim of this class is to continue developing the four elements of language study: listening, speaking, reading, and writing while studying four relevant, real-world theme based units.

Spanish 5 - 1 Credit - Full Year

Prerequisite: Successful completion of Spanish 4

This year long course is the fifth level of Spanish study and is designed to expand the student's knowledge of the Spanish language and the culture of the Spanish speaking world. The class will focus on both grammatical accuracy and communicative fluency. Grammatical knowledge and vocabulary will be refined and expanded so that students will be able to more easily comprehend written and spoken Spanish, and more easily express ideas when writing and speaking. This class will allow students to continue to build proficiency in the areas of reading, writing, listening, and speaking through a variety of interactive and non-interactive activities such as: compositions, essays, oral presentations, role plays, and in-depth studies of Spanish and Latin American literature, history, art and film.

Introduction to Arabic Culture - 1/2 Credit – Semester

This course will introduce students to the cultures of Arabic speaking countries. History, geography, holidays, food, religion, and language will be explored. Students will consider cultural similarities and differences between Arabic cultures and the mainstream U.S. culture. The course aims to increase students' knowledge about Arabic cultures and encourage cultural awareness. No Arabic language experience required.

Introduction to Hispanic Culture - 1/2 Credit - Semester

This course will introduce students to the cultures of Spanish speaking countries. It will explore the topics of history, geography, food, holidays, traditions, and other cultural elements. The course will examine the similarities and differences between the mainstream U.S. culture and Hispanic cultures around the world. The course aims to broaden students' knowledge of other cultures and encourage cultural awareness. No Spanish language experience required.

ART COURSES

Art 1 - 1/2 Credit - Semester

Art 1 is an introduction to high school level art. Students will work on basic drawing, painting, clay, and computer-generated art projects. Students are tested over these basic skills and concepts that cover the elements of art and principles of design, such as line, color, texture, space, balance and unity. Art 1 is a prerequisite to all other art courses, except digital photography and computer graphics.

Graphic Design - 1/2 Credit - Semester

Graphic Design will introduce the students to the use of the computer as an art tool to create graphic arts and fine art effects using Adobe Photoshop. The class will use Photoshop as the main software to create projects and print them on various paper surfaces. They will learn how to use scanners, digital cameras, and color printers. Some of the graphic projects include designing an original logo, designing a beverage label, as well as creating op art and magazine covers on the computer. Many of the other projects relate to styles of art and past artists using special art and photo effects.

Digital Photography -1/2 Credit- Semester

In this course students will explore digital photography as a fine art.

Students will be expected to make use of Adobe Photoshop to manipulate digital imagery in unique and creative ways. Students will be introduced to the basic technology necessary for the production of their art work, as well as learning about the visual arts, how to look at and critique photography, photographic vocabulary, using tools such as framing, composition, "rule of thirds", light, texture, pattern, lines, symmetry, depth of field, distance, perspective, color and black and white photography. They will also be introduced to many works by well-known photographers.

Drawing 1 - 1/2 Credit - Semester

Prerequisite: Art 1

Drawing 1 will introduce the students to more advanced drawing skills than Art 1. They will be taught techniques in colored pencil, charcoal, pen and ink, pencil, and pastels, and apply the techniques to various subject matter including self-portraits, still life, and figure drawing.

Drawing 2 - 1/2 Credit - Semester

Prerequisite: Drawing 1

Drawing 2 will take the skills learned in Drawing 1 and apply them to advanced projects. The students will learn to produce quality work and may concentrate on portfolio and competition pieces of artwork. Advanced skills and techniques will be emphasized.

Painting 1 - 1/2 Credit - Semester

Prerequisites: Art 1 (Drawing 1 recommended)

Painting 1 will survey the basic skills and techniques of watercolors, tempera paints, and acrylics. These skills will be applied to the students' artwork using the styles of past and present artists and cultures, as well as developing the students' own style of painting.

Painting 2 - 1/2 Credit - Semester

Prerequisite: Painting 1

Painting 2 will introduce the students to more advanced techniques in watercolors and acrylics and apply them to more advanced projects. The students will also learn the techniques of oil painting while studying the techniques of past and present artists. The students will produce artwork used for portfolios or competitions.

Traditional Photography - 1/2 Credit - Semester

(Preference will be given to juniors and seniors)

In this class, the students will learn how a manual 35 mm (SLR) camera works and how to take artistic black and white photos following the basic elements and principles of art. The students will develop their own film, make contact sheets, and print their own black and white photos using various types of printing papers. Emphasis will be placed on composition and techniques to create a successful photo. Hand coloring techniques and special effects will be taught and used on the students' photos. The students will be required to have their own digital camera to use for computer generated digital photography. The computer software, Photoshop, will be used to create special effects and manipulate scanned black and white prints and digital photos. (There will be some school 35 mm manual and Canon Rebel cameras to use during part of the class.)

Sculpture & Ceramics - 1/2 Credit - Semester

Prerequisite: Art 1

Students in Sculpture & Ceramics will learn to create sculptures using clay, plaster, paper and other media. With the clay, the students will learn the techniques of hand-built and wheel thrown pottery. Various methods of decoration will be used on the final pieces of sculpture and ceramics including glazes, paint, stains and found-object embellishments. Students are required to bring in some items, and will be tested on vocabulary and techniques.

Advanced Sculpture & Ceramics -1/2 Credit- Semester

Prerequisite: Sculpture & Ceramics

Students will be able to take one of two directions with the course of study:

- Focus on working with the pottery wheel and creating wheel thrown pieces -OR-
- Focus on hand-built pieces by working with clay or other materials, such as plaster or wood, to create 3-D sculptures.

Each of these will require the student to write up a proposal for their choice and present it to the teacher the first week of class. The student will also be tested and quizzed over materials and processes of pottery and/or ceramics.

MUSIC COURSES

Band - 1 Credit - Full Year

Band is a year long course with no option to elect marching band over concert band or concert band over marching band. Students who elect band will participate in the instrumental program year around and receive 1 full credit.

During the fall, emphasis is placed on Marching Band beginning with an August band camp. In addition to meeting 1 scheduled period per day, Marching Band also requires attendance at mandatory evening rehearsals once or twice per week, depending on need. The Marching Band performs at every football game. The focus changes upon completion of the football season as students audition for chairs for Concert Band. Students concentrate on musical playing skills and sight-reading skills. Participation in performances by this group is also mandatory; however, opportunities such as Honor Bands, Solo and Ensemble Contest, Drumline or Jazz Band are optional. Finally, students who elect band are committed to a handful of summer appearances. These vary from year to year, depending on requests from local organizations.

Concert Choir - 1 Credit - Full Year

Open to all students in grades 9-12. This is a course for students that love singing in a regular choir setting. Students will learn musical skills in a vocal ensemble setting, including, but not limited to, sight-singing, music theory, and proper vocal techniques. Students will also learn the skills necessary to demonstrate appropriate poise and stage presence for a top-quality performance. There will be concerts throughout the year, plus possible community performances. All performances are mandatory.

Vocal Musical Theater - 1 Credit - Full Year

Students will learn vocal skills relating to musical theater. Students will also learn the skills necessary to demonstrate appropriate poise and stage presence for a top-quality performance. Students are expected to actively participate by choosing solo and small group pieces from Broadway musicals. There will be at least two (2) performances during the school year. All performances are mandatory.

Del-Aires - 1 Credit - Full Year

Open to all students in grades 9-12. This is a course for students that would love to sing and dance in a show choir setting. Members of this show choir/concert choir are selected through an audition process in the spring of the preceding school year, including sight-singing, singing a prepared song, and dancing. Auditions will be announced by the director. Spots are limited. Once auditions are completed and members have been selected, the course is closed. This would include any transfer students from other school districts, as balance and blend are crucial elements of this performing group. The Del-Aires meet for one scheduled class period per day, with extra evening rehearsals as needed. These evening rehearsals, as announced by the director, are mandatory. The Del-Aires will perform in multiple concerts throughout the year, including, but not limited to, the Dinner Theater fundraiser, caroling in December, and regular choir concerts. All performances are mandatory. This is a group which learns all the technical skills necessary to be vocally and physically prepared for a top-quality performance. Generally, this is a show choir in the fall and a concert choir in the spring, but this is left to the discretion of the director. Students are financially responsible and are expected to pay for their show choir uniform, which includes, but is not limited to, dresses, character shoes, dress shoes, vests, bow ties, and white dress shirts. Any re-auditions within the group shall be at the discretion of the director and may occur at any time.

Music History- ½ Credit - Semester

(This course is offered during alternating years and will be offered during 2023/2024)

A semester class that will focus on the history and development of American music including, but not limited to, jazz, hip-hop, pop, and rock and roll. Significant historical events and composers will be studied as well as the differences and the development of the various musical styles.

Music Theory - ½ Credit- Semester

(This course is offered during alternating years and will be offered during 2024/2025)

Basic and advanced elements of music are taught, including harmony, melody, rhythm, composition, transposition and form. The final exam will be a composition project.

Beginning Piano - ½ Credit- Semester

Students will learn basic piano concepts: hand placement, one and two handed songs, scales, harmonization, and introductory recital literature. Students are expected to practice on a piano or keyboard outside of class. These will be provided for in-class instruction.

Beginning Guitar- ½ Credit- Semester

Beginning acoustic guitar students will learn chords, finger picking, tuning techniques, basic guitar notation and tablature. Styles learned will include pop, rock, country and folk. Students will be expected to perform, as a group, in an informal recital to demonstrate skills. Students must provide their own acoustic guitar.

Intermediate Band - ½ Credit- Semester

(10th-12th grade only)

This is a dual course, offering opportunities for both beginners and those with some band experience.

For the beginners, students will learn about music theory and the basics of performing on a musical instrument. Students will learn to play either a woodwind, brass, or percussion instrument. After completing this course, students can be considered for membership in the DHS Panther Marching Band and Concert Band.

For current band members with a minimum of 2 years experience on their primary instrument, this course will provide an opportunity to learn a new instrument. Students will be evaluated with written and playing tests as well as occasional performance opportunities.

PHYSICAL EDUCATION AND HEALTH COURSES

Physical Education ¼ Credit- Semester

(This course is only open to students who need it for graduation. Students who have satisfied this requirement should be taking the advanced PE courses of “Team Sports” and/or “Weight Training”.)

Students will experience different health related fitness activities such as yoga, cardio drumming and weightlifting, which can help them achieve and maintain a health-enhancing level of physical activities.

Students will also be participating in invasion, net and striking games such as, but not limited to: volleyball, soccer, handball, pickleball, softball, ultimate frisbee and basketball.

Team Sports ¼ Credit- Semester

Prerequisite: Must have taken at least one PE semester at the high school. (This course is offered first semester)

This course is designed for students interested in learning skills and strategies of team sports. The course will include skill instruction and implementation of those skills into a competitive game setting. Sports may include, but not be limited to: volleyball, basketball, flag football, ultimate frisbee, and pickleball.

Weight Training ¼ Credit- Semester

Prerequisite: Must have taken at least one PE semester at the high school. (This course is offered second semester)

This course will provide students with an opportunity to develop fitness through weight training, circuit training, plyometrics, core strengthening, speed, agility and flexibility training. Students will be educated in proper lifting techniques, safety factors, and muscle development. Students will utilize knowledge to develop their own 12-week weight training/fitness program to implement in class.

Health - 1/2 Credit - Semester

Health education is a course designed to implement learning in the areas of tobacco, drugs, alcohol, human sexuality, reproduction, fetal development, childbirth, CPR, personal hygiene, communicable diseases and social awareness.

BUSINESS/TECHNOLOGY COURSES

Computer Basics - ½ Credit - Semester

Computer Basics is a self-directed course that will introduce students to Google Docs, Sheets, Slides, etc. Students will learn basic fundamentals of Google apps to navigate Google tool bars and keyboard shortcuts, making work more efficient.

Computer Literacy - ½ Credit -Semester

Prerequisite: Computer Basics

This course allows students to expand on what they learned in Computer Basics. It is an extension of the Google Apps that was learned in Computer Basics.

FAMILY AND CONSUMER SCIENCE COURSES

Personal Financial Management - ½ Credit - Semester

(10th grade)

“Why didn’t anyone teach me this in school?” So many adults find themselves asking this question when it comes to managing finances. In this course, students will develop financial literacy skills necessary for responsible citizenship and work/family success. Topics will include: banking, budgeting, saving, avoiding debt and predatory lending, establishing credit wisely, and investing. Financial Responsibility is 20% knowledge and 80% behavior. Students will acquire the knowledge in this class and be challenged to make the behavioral changes that are necessary for true financial freedom.

Culinary Fundamentals - ½ Credit- Semester

Learning to prepare nutritious and delicious food is a valuable life skill. Students in this class will learn the importance of food safety and sanitation, as well as how to select and properly use kitchen tools and equipment. Students who take this class will learn and apply a variety of fundamental culinary techniques, including proper knife handling skills. Students will continue to grow in teamwork and communication skills as they select recipes and plan lab experiences with their lab groups. An emphasis will be placed on “mise en place” and the management of time, ingredients, and equipment. By the end of the semester, students will engage in a baking contest or two.

Child Development- ½ Credit- Semester

(Open to students in 10th-12th grade. This course is offered during alternating years and will be offered during 2024/2025)

“Parenting is one of the most important jobs you’ll ever do.” “If only children came with a manual.” Students take this class for a variety of reasons. Some want to become better babysitters, others desire a career working with children, and many want to become great parents one day. Whatever the reason, students will leave this class with an increased understanding of the importance of helping young children develop the building blocks necessary for healthy growth and development (physical, intellectual, social, and emotional). Topics include Healthy Communication, Family Structures, Parenting Styles, Conception, Pregnancy, Fetal Development, Childbirth, Postpartum Care, Infant Care, Safe and Effective Discipline, and Developmental Milestones. The semester is concluded with students completing a project which emphasizes the importance of play and early literacy.

Career and College Readiness - ½ Credit- Semester

(Open to students in 10th-12th This course is offered during alternating years and will be offered during 2023/2024)

This is a perfect course for any student who is still trying to decide upon their career plans for after high school. Students will take multiple personality, interest, and work-value assessments to help guide their exploration of careers and occupations. Students will investigate different colleges and training options specific to their preferred career path. In addition to learning interviewing skills and refreshing their finance knowledge, students will learn soft skills necessary for success in college and in the work force. Finally, students will learn about the importance of maintaining a healthy work/ school/ life balance and will learn the skills necessary to maintain this balance.

ADDITIONAL ELECTIVES

Student Publications- 1 Credit- Full year

(Open to students in 10th-12th grade)

This course covers a variety of skills that are necessary for the development of school publications. The fundamentals of journalism will be covered. This class is writing intensive as it builds the necessary foundation for article writing. Students in this course will produce student publications. Students will also be involved in the production of Del-Hi, the school yearbook. Students will work with Jostens representatives, along with other staff members, to create a yearbook publication. Activities include advertising, layout planning, photography, copywriting, and proofing. Students will be expected to sell business advertisements and to photograph events outside of class time.

Literature & Film- ½ Credit- Semester

(Open to students in 11th- 12th grade)

Because viewing film is considered one of the seven language arts, this class will blend reading literary texts and viewing film adaptations of that text. Students will explore various genres, cultures, and time frames by analyzing literature and its adaptation to film. Students will engage in discussions and presentations, in addition to submitting written assignments and completing formal assessments. This is not simply a movie class; the course will have a significant literature component as well. Students will complete required readings both in and out of class.

Mythology-1/2 Credit-Semester

(Open to students in 10th-12th grade. Sophomores must have a recommendation from an English teacher)

Emphasis will be placed on Greek and Roman mythology with the potential to include Norse, Egyptian, and Native American. Students would explore a variety of literature pieces and films that focus on the above areas of mythology, as well as how these pieces have shown influence in other great works. In addition, students would explore the impact of mythology on society and conceivably create their own myths and/or other works that illustrate mythology's influence on society.

AGRICULTURAL EDUCATION COURSES

Courses in agricultural education are open to all students at Pike-Delta-York regardless of background and experience. All courses in this department strive to make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. Your grade in any agricultural education course is broken down into 3 categories.

Category 1 10% - All students who take an agricultural education course will be members of the **National FFA Organization** and are required to participate in the FFA to fulfill requirements for the Ag Ed course.

Category 2 20% - Students enrolled in Agricultural Education courses will be required to have a **Supervised Agricultural Experience** project that will be completed outside of class time & will be related to course work completed in class. All students will track the progress of their SAE & FFA participation in the **Agriculture Experience Tracker** online program.

Category 3 70% - Classroom activities, Ag Ed lab activities and any other related assignments.

Ag, Food & Natural Resources (AFNR)- 1 Credit - Full Year

(All first year Ag Ed students)

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 & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Mechanical Principles 1- 1 Credit - Full year

Prerequisite: AFNR (Open to students in 10th- 12th grades)

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

Mechanical Principles 2- 1 Credit - Full Year

Prerequisite: Mechanical Principles 1 (Open to students in 11th- 12th grades)

Students will apply basic principles of energy accounting, thermodynamics and heat transfer, energy conversion and efficiency to heating, power generation and transportation. Students will apply the principles and practices needed for managing renewable and non-renewable energy resources. Throughout this course, future energy systems and energy use scenarios are investigated, with a focus on promoting the use of renewable energy resources and technologies.

Animal & Plant Science - 1 Credit - Full Year

Prerequisite: AFNR (Open to students in 10th-12th grade)

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

Agronomic Systems - 1 Credit- Full Year

Prerequisite: AFNR (Open to students in 10th-12th grade. This course is offered during alternating years and will be offered during 2024/2025)

Students will apply knowledge and skills required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business, and management strategies appropriate for the industry.

Livestock Selection, Nutrition, & Management - 1 Credit - Full Year

Prerequisite AFNR (Open to students in 10th - 12th grade. This course is offered during alternating years and will be offered during 2023/2024)

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

Business Management for Ag & Environmental Systems -1 Credit- Full Year

Prerequisite: AFNR or principal/instructor approval (Open to students in 12th grade)

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

Agricultural and Environmental Systems Capstone - 1 Credit - Full Year

Prerequisite: Must have/will complete three other courses (Open to students in 12th grade) IN SCHOOL

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 school 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.

Agricultural and Environmental Systems Capstone WBL - 1 Credit - Full Year
(Open to 12th grade students only, by application only) WORK BASED LEARNING

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 school 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. Students must have a job lined up by the end of June.