



**HILLSDALE**

**COURSE  
DESCRIPTION GUIDE**

**GRADES 9-12**

**TAKE FLIGHT!**  
**2026-2027**

# Hillsdale High School

## Building Character, Expecting Excellence

2026-2027 School Year

Dear Hillsdale High School Students and Parents:

### *A Comprehensive Approach to Career Readiness and Graduation*

Hillsdale High School remains focused on offering a broad, challenging curriculum designed to prepare every student for life after graduation. High school is a team effort, and students, families, and staff all play a role in making thoughtful academic choices that support each student's goals. Our guiding expectation, *"Every Student Completes Every Assignment, Every Day, in Every Class"*, reflects our belief that consistency and accountability build the habits that matter long after high school. These skills of persistence, responsibility, and reliability are the foundation of strong career and post-secondary success.

### *Understanding Updated Graduation Requirements*

Your Course Registration Guide includes the most current information you'll need as you map out your personalized High School Graduation Plan. Beginning with the Class of 2023, Ohio added a new component to graduation requirements. Along with earning 21 credits and meeting required end-of-course testing benchmarks, students must now earn two Graduation Readiness Seals.

#### *Here's the breakdown:*

- Students must earn two seals total,
- At least one must come from the nine State Created Seals (such as Technology, Biliteracy, Industry-Recognized Credential, or Citizenship),
- The second may be from either the state-created list or one of Hillsdale's locally designed seals (Creative and Performing Arts, Community Service, or Student Engagement).

### *Planning for Success*

Inside this Guide, you'll find our full range of academically rigorous courses, diverse electives, and career-focused pathways. We encourage students to choose courses that challenge them, build new skills, and support long-term aspirations. At Hillsdale, our commitment is simple: we want every student to graduate ready for one of the "Four E's" — Employed, Enrolled, Entrepreneurial, or Enlisted. The work you do here is laying the groundwork for a strong and flexible future. Keep leaning in, keep asking questions, and keep taking advantage of the opportunities in front of you. Falcons, Take Flight!

Mr. Keib

Tim Keib, Principal  
Hillsdale Grades 7-12

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# OHIO'S GRADUATION REQUIREMENTS

## Ohio's Graduation Requirements

As a part of this pathway to graduation, students must show that they have completed all three parts of these requirements.

**1. Credit Requirements:** Students must earn a minimum total of 20 credits in specified subjects and take your required tests. Schools can locally require more than 20 credits. Schools are still required to administer all the high school end-of-course assessments. These are: English Language Arts II, Algebra I (or Integrated Math I), Geometry (or Integrated Math II), Biology, American History, and American Government.

**2. Competency:** Students can demonstrate competency by earning a passing score on Ohio's high school Algebra I (or Integrated Math I) and English language arts II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students have not met the competency score on these tests, there are four additional ways to show competency.

Option 1	Option 2	Option 3	Option 4	Option 5
Algebra I and ELA II	Career Readiness	College Credit Plus	Military Enlistment	ACT or SAT

**Option 1.** To demonstrate competency using Ohio's state tests, students must earn a score of 684 or above on both the Algebra I (or Integrated Math I) and English language arts II end-of-course exams.

**Option 2.** To demonstrate competency by Career Readiness, students must demonstrate two career-focused activities, at least one must be a foundational option.

- Foundational options: 1. Cumulative score of proficient on 3 or more WebXams. 2. Earn 12-points of industry credential.  
3. Complete a registered pre-apprenticeship, an apprenticeship, or show evidence of acceptance into an approved apprenticeship. 4. State-issued license for a practice in a vocation.
- Supporting options: 1. Work-Based Learning. 2. Earn the workforce readiness score on the Workkeys. 3. Earn the OhioMeansJobs Readiness Seal

**Option 3.** To demonstrate competency through the College Credit Plus Program, students must earn credit in a non-remedial math or English course for the subject area not passed.

**Option 4.** To demonstrate competency through Military Enlistment, students must provide evidence of enlistment in a branch of the armed forces to demonstrate competency.

**Option 5.** To demonstrate competency using the ACT or SAT, students must obtain a remediation-free score in the math and/or English subject area on the ACT or SAT. To demonstrate competency in English, a student must be remediation-free in the subjects of English and reading on the ACT or SAT.

**3. Readiness:** Students can meet the readiness requirement by earning two diploma seals. In alignment with their graduation plan, students should be choosing seals that align with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and their post-high school pathway.

Of the two seals students are required to earn, at least one of the two must be State-Defined. Ohio's 12 diploma seals are:

- |   |   |
|---|---|
| • OhioMeansJobs Readiness Seal (State-Defined)        | • Honors Diploma Seal (State-Defined)             |
| • Industry-Recognized Credential Seal (State-Defined) | • Seal of Biliteracy (State-Defined)              |
| • College-Ready Seal (State-Defined)                  | • Technology Seal (State-Defined)                 |
| • Military Seal (State-Defined)                       | • Community Service Seal (Locally-Defined)        |
| • Citizenship Seal (State-Defined)                    | • Fine and Performing Arts Seal (Locally-Defined) |
| • Science Seal (State-Defined)                        | • Student Engagement Seal (Locally-Defined)       |

## Honors Diploma Types

### Criteria for *Honor Diploma Types*

Academic Honors		Arts Honors	
Math	Fourth math must be > Algebra 2	Math	Fourth math must be > Algebra 2
Science	One additional unit Advanced Science	Fine Arts	Four units
Social Studies	One additional unit Social Studies	Electives	Two units of Fine Arts (may overlap with general four units)
World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
GPA	3.5 on a 4.0 scale	GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher	ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal	Fine Arts Seal	Meet local district requirements to earn the Fine Arts Seal
Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning	Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning

Career Tech Honors	
Math	Fourth math must be > Algebra 2
Career Tech	Four units of Career-Tech Courses
Career-Tech Proficiency	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program
World Languages	Two units of one world language
GPA	3.5 on a 4.0 scale
ACT/SAT/Workkeys	ACT: Score of 27 or higher, SAT: Score of 1280 or higher Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.
Industry-Recognized Seal or Technology Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal
Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning

Social Science/Civic Engagement Honors		STEM Honors	
Math	Fourth math must be > Algebra 2	Math	Fourth math must be > Algebra 2
Social Studies	Two additional units of Social Studies	Science	One additional unit Advanced Science
World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	Electives	Two units of additional STEM Courses as electives
GPA	3.5 on a 4.0 scale	World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher	GPA	3.5 on a 4.0 scale
Community Service Seal	Meet local district requirements to earn the Community Service Seal	ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
Citizenship Seal	Meet the requirements to earn the Citizenship Seal	Industry Recognized Credential Seal or Technology Seal	Meet requirements to earn the Industry-Recognized Credential Seal or Technology Seal
Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning	Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning

## Selection guide for various pathways

### Four-Year College/Honors Diploma Pathway

#### English:

English I → English II → CCP Composition I → CCP Composition II → CCP American Literature → CCP Short Story

#### Math:

Algebra I → Geometry → Honors Algebra II → CCP College Algebra → CCP Trigonometry → CCP Calculus → CCP Probability/Statistics

#### Science:

Biology → Chemistry → CCP Physics → Advanced Science (Anatomy, Survival Science, Forensics, Zoology)

#### Social Studies:

Modern World History → American History → CCP Government → CCP American History before Civil War or CCP American History after Civil War or CCP Psychology or CCP Sociology

#### World Language:

Spanish I → Spanish II → Spanish III → CCP Spanish I → CCP Spanish II

**Required Electives:** Fine Arts (Full Credit), Personal Finance (½ Credit), Health (½ Credit), PE or PE Waiver

## Two-Year College Ready/Post-Secondary Skilled Training Pathway

### English:

English I → English II → Communications → CCP Composition I → CCP Composition II

### Math:

Algebra I → Geometry → Algebra II → CCP Algebra or CCP Stats or Quantitative Reasoning

### Science:

Unified Physical Science → Biology → Chemistry or Survival Science

### Social Studies:

Modern World History → American History → Government or CCP Government

**Required Electives:** Fine Arts (Full Credit), Personal Finance (½ Credit), Health (½ Credit), PE or PE Waiver

## Work Force Pathway

### English:

English I → English II → Communications → TBD (Other ELA Course)

### Math:

Applied Math → Algebra I → Geometry → Quantitative Reasoning

### Science:

Unified Physical Science → Biology → Survival Science

### Social Studies:

Modern World History → American History → Government

**Required Electives:** Fine Arts (Full Credit), Personal Finance (½ Credit), Health (½ Credit), PE or PE Waiver

## Career Tech Pathway

### English:

English I → English II → Career Center Courses

### Math:

Applied Math → Algebra I → Career Center Courses

### Science:

Unified Physical Science → Biology → Career Center Courses

### Social Studies:

*Modern World History → American History → Career Center Courses*

**Required Electives:** Health (½ Credit), PE or PE Waiver

# General Information

## AGRICULTURAL EDUCATION

Agricultural Education prepares students for careers and life skills connected to agriculture, food, natural resources, and leadership. Through hands-on learning, students explore topics such as animal science, plant science, agribusiness, mechanics, and sustainability while building real-world problem-solving skills.

A key part of the program is the National FFA Organization, a national student organization that develops premier leadership, personal growth, and success for any career. Through FFA, students have opportunities to build leadership skills by serving as officers, strengthen public speaking and communication through contests and presentations, and participate in career development events, teamwork, and community service.

Agricultural Education courses are worth 1.25 credits because learning happens both in the classroom and beyond it. The 1.25 credit is earned through required FFA participation in class along with outside work, which includes projects, leadership activities, competitions, supervised agricultural experiences (SAEs), and other hands-on work completed inside as well as outside of regular class time. This real-world learning is a required and essential part of agricultural education, not extra or optional work.

## ASSESSMENTS

Ohio State Tests (OST)

Ohio State Tests measure how well students are mastering content aligned to Ohio's Learning Standards in English Language Arts, Mathematics, Science, and Social Studies. These assessments help determine student progress and readiness for future coursework and graduation requirements.

## PSAT/NMSQT

The PSAT/NMSQT serves as a practice test for the SAT and offers students early insight into college readiness. While designed for juniors, sophomores and freshmen may also participate.

The PSAT taken during the junior year is used to determine eligibility for the National Merit Scholarship Program, providing opportunities for scholarships and academic recognition.

- The PSAT is voluntary.
- Registration begins in September through the School Counseling Office.
- The exam is administered in October.

## ACT

The ACT is a nationally recognized college admissions exam assessing English, mathematics, reading, and science reasoning. ACT scores may also be used to determine student readiness for College Credit Plus (CCP) courses at partnering colleges and universities.

## COLLEGE CREDIT PLUS (CCP) PLACEMENT TESTING

Students interested in participating in College Credit Plus must demonstrate college readiness through approved placement testing. Eligible assessments may include:

- Accuplacer
- ACT
- SAT

Each college or university determines its own qualifying score requirements for CCP course enrollment. Hillsdale High School works closely with partnering institutions to ensure students are informed about testing opportunities, required scores, and next steps.

Students should consult with their school counselor to:

- Register for placement tests
- Review qualifying score requirements
- Understand how placement results impact CCP course options

## **CAREER CENTER PROGRAMS AND REQUIREMENTS**

To enroll at a career center, students must have earned eight (8) total credits during their freshman and sophomore years. These credits must include:

- 2 units of English
- 2 units of math
- 2 units of science
- 1 unit of social studies
- ½ unit of health
- ½ unit of physical education (or completion of a PE Waiver)
- 1 elective credit

Students who have not yet earned the full eight credits may still be considered for enrollment if they will be 16 years old by January 1 of the enrollment year, receive a recommendation from their school counselor, and obtain approval from the principals of both schools.

Students attending a career center remain full Hillsdale High School students. They may participate in all HHS clubs and athletic teams, are transported back for special programs, and have all academic records maintained by HHS. Hillsdale High School awards the diploma for all HHS students enrolled in a career center program. The career center most commonly attended by Hillsdale students is the Heartland Technical Education Center.

## **CHALLENGING YOURSELF ACADEMICALLY**

Hillsdale High School encourages all students to reach their full academic potential. Some students excel in the classroom, are highly motivated, or are recommended by teachers, school counselors, or administrators to pursue more advanced coursework. For these students, several opportunities are available to deepen learning and extend academic growth.

Students may challenge themselves through:

- Flex Credit (Testing Out of a Course)  
Demonstrating mastery of course content to earn credit without taking the traditional class.
- Online Courses  
Completing approved online coursework to supplement or extend learning opportunities.
- College Credit Plus (CCP)  
Earning both high school and college credit simultaneously through partner colleges.
- Advancing to Higher-Level Courses  
Moving beyond a standard course sequence based on readiness and performance.

These decisions are made case by case through careful review and communication among the student, their parents/guardians, teachers, and school counselor.

Some students may complete high school in three years, while others may graduate with up to two years of college general education coursework already completed. Students and families interested in pursuing advanced options should contact the school counselor or building principal for more information.

## **COLLEGE CREDIT PLUS (Due April 1)**

Hillsdale High School partners with Ashland University, North Central State College, and other Ohio colleges and universities to offer College Credit Plus (CCP) courses that allow students to earn both high school and college credit. Students participating in CCP must complete the required enrollment steps and meet the qualifying assessment criteria for the courses they select. Several Hillsdale faculty members serve as approved CCP adjunct instructors, enabling students to take college-level coursework right on our campus.

For CCP courses taken on a college campus or online that require textbooks, Hillsdale High School will cover the cost of the books. All books must be returned to the high school at the end of the course. Failure to return issued textbooks will result in a financial obligation, and the cost of the book(s) will be charged to the student's account.

## COURSE CHANGES

Schedule changes may be made during the first full week in August before the start of the school year, provided the new course has available seats, meets during the same period, and supports the student's progress toward graduation. Any course dropped during this substitution window will not appear on the transcript. Students may also add a course in place of a study hall before the first day of school.

Any course dropped after the start of the school year may be recorded as a Withdraw/Fail (W/F), on the transcript and the failing grade will be calculated into the student's grade point average (GPA), unless there is an extenuating circumstance. All schedule changes beyond this period require administrative and parent approval.

Students are expected to make thoughtful, well-informed choices during course selection, as they receive guidance and support throughout the process. However, if a student has sought appropriate academic assistance and the course still exceeds their current ability level, a *level change* may be considered.

In such cases, the student, teacher, parent/guardian, school counselor, and administrator will meet to review the situation and determine the best course of action. Level changes will not be approved to accommodate personal preferences or when no seats are available in the requested course.

Students must continue attending their current class until the level change has been formally approved and scheduled by the counselor.

## CREDIT FLEXIBILITY

Ohio's plan for credit flexibility is designed to broaden the scope of curricular options available to students, increase the depth of study available for a particular subject and tailor the learning time or conditions needed (to shorten or lengthen the time necessary to complete a high school diploma and/or post-secondary degree). In these ways, students can customize aspects of their learning around more of their interests and needs. For more detailed information on Credit Flexibility and/or an application see the School Counselor.

## FEES AND MATERIALS

Course fees are assessed for lab-based or academic classes in which consumable supplies are used. These fees correspond to the cost of materials purchased by the Board of Education for student use. *All fees listed in this course guide are approximate and subject to change.*

Students enrolled in certain courses may be required to pay a course fee and/or purchase workbooks, lab manuals, or other necessary materials that support instruction. All required items are selected to ensure students have the resources needed for meaningful learning in each class.

Students must complete a minimum of 5.25 credits each year to remain on track for graduation. Many students choose to take additional courses based on their academic goals, personal interests, available time, and future plans. When selecting extra courses, students and families should carefully consider course demands, the student's abilities, extracurricular commitments, and overall workload.

The average freshman schedule typically includes 5.25 to 5.75 credits.

All students are required to be enrolled in at least six (6) class periods each semester.

## GRADE PLACEMENT STANDARDS

A student's grade level is determined by the number of credits earned:

- Tenth Grade (Sophomore Status):  
A minimum of 5 credits earned in 9th grade.
- Eleventh Grade (Junior Status):  
A minimum of 10 credits earned prior to the first semester of 11th grade.
- Twelfth Grade (Senior Status):  
A minimum of 15 credits earned prior to the first semester of 12th grade.

## GRADING

At Hillsdale High School, we believe the true purpose of education is the pursuit of knowledge, growth, and understanding—not simply the pursuit of grades. Our grading system is designed to reflect what students know, understand, and are able to demonstrate at the conclusion of each course.

Hillsdale High School uses a letter grading system, including pluses and minuses, to indicate levels of achievement. These marks reflect the degree to which students have mastered the concepts and skills taught in each course.

### Letter Grade Descriptions:

- A – Demonstrates *clear, consistent, and convincing* evidence of deep understanding and mastery of course concepts and skills.
- B – Demonstrates substantial knowledge and a strong, consistent understanding of course concepts and skills.
- C – Demonstrates basic, essential knowledge and understanding of course concepts and skills.
- D – Demonstrates limited knowledge and partial understanding of course concepts and skills.
- F – Indicates that the student has not met minimum course requirements and will receive no credit. Evidence of understanding is incomplete or contains significant misconceptions.

### Additional Marks

- P (Pass) – Indicates successful completion of a non-graded course or requirement for credit.
- I (Incomplete) – Indicates that required work has not been completed. *Incomplete grades convert to an F if all work is not submitted within two weeks after the grading period ends.*
- W (Withdraw) – Indicates withdrawal from a course with no penalty.
- WF (Withdraw/Fail) – Indicates withdrawal after the start of the school year. No credit is awarded, and the failing grade is calculated into the student's GPA.

### Grading scale:

Percentage Scale	Letter Grade	GPA Points
94-100	A	4.0
90 – 93.99	A-	3.667
87 – 89.99	B+	3.333
83 – 86.99	B	3.0
80 – 82.99	B-	2.667
77 – 79.99	C+	2.333
73 – 76.99	C	2.0
70 – 72.99	C-	1.667
67 – 69.99	D+	1.333
63 – 66.99	D	1.0
60 – 62.99	D-	0.667
00 - 59.99	F	0

**\*All CCP courses follow the college grading scale.**

## GRADUATION REQUIREMENTS

The Ohio Department of Education has developed graduation requirements that have a performance based component. Students will be required to take end-of-course examinations in specified subjects and obtain scores designated by the Ohio Department of Education on such tests in order to receive a high school diploma. Courses for which the Ohio Department of Education requires end-of-course examinations are English II, Algebra I, Geometry, Biology, American History and American Government. Students will need to be enrolled in the HHS Courses listed above in order to take the required state tests necessary to earn graduation points, as required by law, in order to receive a high school diploma.

\*Subject to revision by ODE. Students enrolled in an advanced placement, or a college credit plus or advanced standing program, shall take the A.P. examination or applicable examination under college credit plus or advanced standing in lieu of the Biology, American History or American Government end-of-course examinations.

## HEARTLAND TECHNICAL EDUCATION CENTER (HTEC)

Heartland Technical Education Center provides students with the opportunity to combine rigorous academic coursework with hands-on industry training while completing high school. Its programs are designed to prepare students for college, careers, or both in a field of their choice.

HTEC allows students to take academic courses, including College Credit Plus (CCP) classes, and obtain industry-recognized credentials or certifications. Students can explore a career or college pathway before investing in post-secondary education or training, and HTEC is 100% fee-free.

Each program includes a combination of specialized industry instruction and related classroom learning. Students also complete a full academic schedule, including CCP math and English courses for those who qualify.

### On-Campus Programs Include:

<ul style="list-style-type: none"> <li>● Animal Veterinary Science</li> <li>● Auto Body Technology</li> <li>● Automotive Technology</li> <li>● Construction Technology</li> <li>● Cosmetology</li> <li>● Criminal Justice</li> <li>● Culinary Careers Management</li> <li>● Cybersecurity &amp; Networking</li> </ul>	<ul style="list-style-type: none"> <li>● Early Childhood Education</li> <li>● Graphic Communications</li> <li>● Health Technology</li> <li>● Heating/Ventilation/Air Conditioning/Refrigeration (HVAC/R)</li> <li>● Mechanical Engineering</li> <li>● Welding Technology</li> </ul>
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Most students apply during their sophomore year to begin career programs as juniors. Students who enroll at HTEC remain Hillsdale High School students. Upon meeting all graduation requirements, they receive a Hillsdale High School diploma, a Career Center Certificate of Completion, and a Career Passport.

While fully engaged in their career center programs, students may continue to participate in Hillsdale extracurricular activities such as athletics, band, choir, and various student organizations.

Career center students who successfully complete a Career Technical Education program may also earn articulated college credits at participating local colleges. Additional program-specific details are available directly from the career center. Enrollment decisions are made by the career center staff.

### *CAREER BASED INTERVENTION through HTEC:*

Heartland Technical Education Center (HTEC) offers a referral only based program designed to support sophomore students who have an interest in career technical education, and are unsure if they will have enough credits to participate in a career-tech program as a junior. Students spend one period per day in a career-tech lab to observe and/or participate in (4) different career-tech programs throughout the year, giving the student the opportunity to choose their preferred program to enroll in as a junior.

## NCAA ELIGIBILITY

Students who plan to participate in athletics at a Division I or Division II college must meet the NCAA's initial eligibility requirements. Detailed information about academic standards, required documentation, and a full list of approved core courses can be found on the [NCAA Eligibility Center website](#).

Students are also encouraged to meet with their school counselor for guidance and support throughout the NCAA eligibility process.

## OHSAA ATHLETIC ELIGIBILITY

To be eligible for participation in grades 9–12, a student must be currently enrolled and must have been enrolled during the immediately preceding grading period. During that preceding grading period, the student must have earned passing grades in at least five one-credit courses (or the equivalent) that count toward graduation.

Eligibility is determined on the date report cards are reported at the end of each grading period. At that time, grades from the preceding grading period become effective for determining a student's eligibility status.

Exception: Eligibility for the *first* grading period of the school year begins with the start of the fall sports season.

A student entering ninth grade is considered eligible for the first grading period if they passed 75% of the courses taken during the final grading period of eighth grade.

## PLANNING GUIDE: GRADES 9–12

This guide outlines the recommended steps students and parents/guardians should take throughout high school to support academic success, career exploration, and preparation for life after graduation. Each year builds on the previous one, helping students stay on track for their goals.

### Grades 9 & 10: Building a Strong Foundation

#### The Student Should:

- Challenge Yourself Academically  
Enroll in courses that stretch your abilities and align with your long-term goals.
- Get Involved  
Participate in school clubs, sports, activities, and community service to explore interests and build skills.
- Use School Resources  
Learn about tutoring, counseling, and academic support services available to help you.
- Explore College Options  
Begin learning about types of colleges, training programs, and majors.
- Talk About Your Future  
Share your interests and goals with your parents, teachers, and school counselor.
- Build Financial Awareness  
Start saving money from part-time or summer jobs and learn basic budgeting.
- Explore Career Interests  
Research careers and talk with college students or professionals about their experiences.
- Gather Information  
Download or request college brochures, program details, or career materials.
- Visit Campuses  
Begin visiting colleges or technical schools when possible.
- Monitor Your Progress  
Ensure the classes you select support your personal, academic, and career goals.

#### The Parent/Guardian Should:

- Continue Your Savings Plan: Maintain or begin financial planning for college or career training.
- Support Study Habits: Provide a structured study environment and encourage your child to use school-provided tutoring or academic support.
- Stay Involved: Attend parent meetings, conferences, and events to stay connected with your child's progress.
- Encourage Preparation: Motivate your child to attend test prep classes and after-school tutoring as needed.
- Visit Colleges Together: Attend campus tours with your child to help them begin evaluating future options.
- Review Course Options: Explore the high school course catalog to ensure your child is aware of all opportunities.

- **Verify Course Registration:** Double-check that your child is enrolled in classes supporting both graduation requirements and long-term goals.

## **Grade 11: Preparing for Post-Secondary Paths**

### **The Student Should:**

- **Maintain Strong Grades**  
Stay focused and get help when needed to keep academic performance high.
- **Continue Taking Challenging Courses**  
Enroll in honors, CCP, AP, or career-focused courses appropriate for your goals.
- **Stay Involved in Activities**  
Remain active in extracurriculars, athletics, or community service.
- **Take College Entrance Exams**  
Register for the ACT or SAT.
- **Research Colleges and Programs**  
Explore campuses, programs, support services, and financial aid opportunities.
- **Narrow Down College Choices**  
Identify a smaller list of schools that best meet your goals and interests.
- **Explore Careers**  
Continue researching career fields and discussing pathways with parents, teachers, and your counselor.
- **Verify Course Registration**  
Make sure your schedule supports graduation and your post-secondary plans.

### **The Parent/Guardian Should:**

- **Continue Your Savings Plan**  
Maintain savings and plan ahead for future costs.
- **Visit Colleges Together**  
Attend tours and speak with admissions and financial aid staff.
- **Stay Engaged**  
Attend school-sponsored parent events and meetings.
- **Encourage Test Preparation**  
Support attendance in exam prep courses and tutoring sessions.
- **Support Job Shadowing**  
Help your child set up job-shadow opportunities through the school or community.
- **Provide Career Guidance**  
Assist your child in researching realistic career pathways.
- **Verify Course Registration**  
Ensure your child is enrolled in appropriate classes for their goals.

## **Grade 12: Finalizing Plans & Preparing for the Future:**

### **The Student Should:**

- **Select 3–5 Post-Secondary Options**  
Choose colleges, training programs, military pathways, or employment options that align with your goals.
- **Visit Top Choices:** Meet with admissions, financial aid, and career placement offices when visiting campuses.
- **Apply on Time:** Submit all required applications by stated deadlines.
- **Complete FAFSA & Seek Financial Aid:** File the FAFSA and apply for scholarships and financial aid opportunities.
- **Continue Saving:** Maintain financial planning for next steps.
- **Stay Involved:** Participate in school and community activities throughout senior year.
- **Review Your Graduation Plan:** Meet with your counselor and parents to verify graduation requirements and finalize post-graduation plans.
- **Graduate!** Finish strong and celebrate your accomplishments.

**The Parent/Guardian Should:**

- Continue Your Savings Plan, Support your child's financial preparation for life after high school.
- Visit Colleges With Your Child, Attend tours and discussions with admissions and financial aid staff.
- Attend Financial Aid Workshops, Participate in sessions offered by the school or local colleges.
- Complete FAFSA & Support Applications  
Assist your child in submitting financial aid forms and scholarship applications.
- Stay Connected, Maintain communication with teachers and counselors to support a successful final year.

**SCHEDULING**

Each year Hillsdale High School creates a request-based master schedule. Student course requests are entered into our system, shared with the counselor and accommodated to the extent the system allows. Students receive a draft course schedule at the end of the previous school year, and a final copy online in Progress Book one week prior to the beginning of the school year, and a hard copy is available during open house.

**SELECTING COURSES**

Each year students participate in a course selection process during which they request courses for the next school year. Students select courses based on many factors, including but not limited to their progression toward meeting graduation requirements, their post-secondary goals, and interests. Grades six through eleven will begin the scheduling process in February for the upcoming school year. Students will receive detailed scheduling information, participate in class presentations, and have opportunities for registration discussions with staff and families. A parent meeting will also be held to ensure everyone has the guidance needed to make informed decisions. In addition, students will have the chance to meet individually with a staff member for personalized support.

Once scheduling forms are completed, signed by both parents and teachers, and returned, any requests for schedule changes must be submitted during the first week of August.

**SENIOR YEAR, MAKE IT COUNT**

Seniors have spent years building strong academic skills, completing projects, and preparing for life after high school. While it can be tempting to focus solely on college applications, job opportunities, or future plans, your entire senior year remains a critical time for continued academic growth and personal development.

A loss of academic focus can jeopardize your future success. Colleges, employers, and military recruiters all pay close attention to your senior-year performance. Strong grades, consistent attendance, and involvement in school activities send a clear message that you are ready for the challenges ahead.

**SENIOR YEAR GRADES AND COLLEGE**

Many students mistakenly believe that college preparation ends after junior year. In reality, admissions offices place significant weight on your senior-year coursework and performance.

*Applying to college:*

College applications, including the Common Application, require you to list all senior-year courses, along with course levels and credit hours. Admission officers will quickly notice if your schedule lacks rigor or appears as though you decided to "take a year off."

Most colleges also request a mid-year grade report, completed by your counselor, which includes your first-semester grades. This report becomes an important part of your application and can influence admission decisions.

*After Acceptance:*

Many acceptance letters include statements such as:

“Your admission is contingent upon your continued successful performance.”

This means that if your grades decline significantly, colleges have the right to rescind your admission offer. Maintaining strong academic performance throughout the entire year is essential.

### *Not College Bound? Why Your Senior Year Still Matters*

If you plan to enter the workforce or enlist in the Armed Services, your senior year is just as important. Human resources professionals and military recruiters carefully review:

- Senior-year grades
- Attendance records
- Participation in school activities
- Work ethic in academic and extracurricular settings

Job applications often request information from the school regarding student performance—especially during the senior year, when maturity and readiness for adult responsibilities are most evident.

## **MAKE THE MOST OUT OF YOUR SENIOR YEAR**

Your senior year is a powerful opportunity to strengthen your skills, expand your experiences, and prepare for the next chapter of your life.

### *Maintain a Challenging Course Load:*

Select the most rigorous courses appropriate for your goals and abilities. Consider College Credit Plus (CCP) or AP courses, which may earn you college credit at Ohio public universities and strengthen your academic profile.

### *Stay Active and Involved:*

Continue participating in clubs, athletics, performing arts, volunteer work, or leadership roles. These experiences help you stay focused, give you meaningful ways to contribute, and prepare you to make informed decisions about your educational and career goals.

A quality internship or career-focused job opportunity can also motivate you to explore potential pathways and gain real-world experience.

## **STUDENT SCHEDULES/FULL TIME STUDENT**

All students who attend Hillsdale High School must be a full-time student. A full-time student is defined as a student who is enrolled in six out of seven periods. A full-time schedule as defined in this paragraph will allow a student to have lunch, advisory, and a study hall and meet Hillsdale Schools' graduation requirements. Any junior or senior with a cumulative GPA of 2.0 or higher may qualify for late arrival or early release in lieu of a study hall, provided the student's schedule permits.

## **SUMMER SCHOOL**

Hillsdale Local Schools supports students who have encountered a credit deficiency to summer school programs through a career center and Tri-County Educational Service Center. Contact the School Counselor should your circumstances warrant. Summer school course completion does not substitute for any HHS course requirement, nor does summer school course work apply towards a student's athletic eligibility, in accordance with the Ohio High School Athletic Association bylaws.

## **WORK STUDY**

Work Study provides students with the opportunity to gain real-world work experience while earning academic credit. Participation in Work Study requires prior approval from the school counselor to ensure the placement aligns with the student's graduation requirements, academic progress, and career goals. Students must meet eligibility requirements and maintain satisfactory academic standing to remain in the program. Starting in 2027, Skills that Matter is a prerequisite for this course.

## Frequently Asked Questions: We Have Answers

- How should I use the Course Offering Book and Planning Guide?

The Course Offering Book and Planning Guide is your go-to resource for planning your academic future. Use it to develop your four-year academic plan, select courses each year, and learn about important academic processes and procedures.

A digital copy is available on the high school website.

- Many of the processes require forms. Where do I find them?

All required forms are available in the Guidance Office. Simply ask your school counselor or a member of the office staff for assistance.

- I know standardized testing is important. How do I get information and sign up?

Visit the Guidance Office—your counselor can walk you through everything. ACT, SAT, and PSAT information booklets are available, and your counselor can help you decide which tests to take and when.

Testing dates are posted on the Guidance Office bulletin board and on the counselor's page of the high school website.

The Course Offering Book also includes general explanations of standardized tests.

Helpful websites include:

- ACT: [www.actstudent.org](http://www.actstudent.org)
- SAT: [www.collegeboard.com](http://www.collegeboard.com)

- How do I get information about summer school?

Direct any questions about summer school to the Guidance Office.

- Several forms ask for my school code. What is it?

Hillsdale High School's code is 362-740.

- What is the FAFSA and why is it important?

The FAFSA (Free Application for Federal Student Aid) is required to apply for federal, state, and most college-based financial aid. Seniors should complete the FAFSA as soon as possible after October 1.

You can file online at [www.fafsa.gov](http://www.fafsa.gov).

- I hope to play Division I or II college athletics. What are the NCAA requirements?

Student-athletes must monitor their own progress toward meeting NCAA Clearinghouse requirements. You are responsible for meeting all core courses, GPA, and eligibility standards.

Visit [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for full details.

- What if I need to change my schedule for next year?

Schedule changes are not made after the published deadline.

The only opportunity to adjust your selections occurs during the first week of August before school begins. (See page 16.)

- What should I do if I am struggling in a class?

Start by speaking directly with your classroom teacher. You are expected to initiate a conversation to clarify concepts, make a plan to complete missing assignments, and get the support you need.

If you need help connecting with a teacher, your counselor can assist.

- How do I arrange to see the counselor?

Stop by the Guidance Office to schedule an appointment. If the counselor is unavailable, you may request assistance from the High School Office Secretary to set up a meeting.

# Hillsdale Courses 2026-2027

## College Credit Plus (CCP)

College Credit Plus provides eligible students the opportunity to earn both high school and college credit by completing college-level coursework. Hillsdale High School partners with Ashland University, North Central State College (NCSC), and other colleges to offer CCP courses on our campus and through approved online options.

Because CCP coursework becomes part of a student's permanent college transcript, careful planning and consideration are essential. Students must complete the NCSC application process and meet all eligibility requirements.

### *Who Is Eligible for College Credit Plus?*

Ohio students in grades 7–12 may take college courses at Ohio public colleges at no cost, including tuition, fees, and textbooks. CCP courses are mostly listed in the course guide for grades 11–12; however, under state law, students are eligible to participate in CCP beginning in 7th grade.

To take CCP classes through North Central State College, students must:

- Demonstrate college readiness, defined as
  - A score of 22 or higher on ACT Reading, *or*
  - An acceptable score on another approved placement assessment.  
(*Hillsdale High School is an ACT testing site.*)
- Submit CCP Intent to Participate  
Notify the high school counselor no later than April 1 of the year prior to starting CCP coursework.
- Maintain a 2.5 GPA  
Students must earn and maintain a 2.5 cumulative GPA in all CCP coursework to remain eligible.

### **CCP BUSINESS**

#### **191 CCP Introduction to Management (MGT 240) ASHLAND UNIV.**

*First Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

A survey course which aims to familiarize students with accepted management theory as well as contemporary thinking that might challenge the assumption forming the foundation of traditional management practices. Students will learn the management functions of planning, organizing, leading and controlling. In the context of a changing global environment and explore ethical issues facing managers working with today's diverse workforce.

#### **192 CCP Principles of Marketing (MKT 233) ASHLAND UNIV.**

*Second Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

This course outlines the essential concepts, principles and terminology required to understand basic marketing. Materials will deal with the areas of promotion, distribution, product development, the general marketing environment and information sources for marketing decisions. \*Fees for previous years are listed, 2025-26 Fees are subject to Board of Education approval.

## **CCP English**

### **135 ENG 101 CCP ENGLISH COMPOSITION I Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

This course stresses the development of effective grammatical and rhetorical form through the assignment of expository and argumentative writing projects. Students will learn to reflect on ideas and observations, to use writing as a tool to sharpen those ideas, to reflect on their own writing process, and to use and cite sources accurately. May not be taken for S/U credit. Meets Core credit for Composition I. Offered in conjunction with Ashland University.

### **136 ENG 102 CCP ENGLISH COMPOSITION II Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

English 102 is the second course in Ashland University's two-semester writing sequence and involves continued emphasis on the writing process, critical thinking, close reading, the rhetorical nature of language, and research skills. Meets Core credit for composition II. Offered in conjunction with Ashland University.

### **137 ENG 203 CCP American Literature Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grade 12 • Fee: none • Prerequisite: CCP requirements, CCP ENG 102*

This course focuses on a specific problem or question in American society from the colonial period to the present. Possible areas of focus might include Race and Slavery; Nature and Environment; Freedom, Democracy, and the Individual; Immigration and Nativism; Gender in America; or America at War. Meets core credit for humanities. Offered in conjunction with Ashland University. Theme: Alone Together: Technology, Isolation, and the Search for Meaning in American Life.

### **138 ENG 211 CCP Short Story Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grade 12 • Fee: none • Prerequisite: CCP requirements, CCP ENG 102*

This course is an intensive study of the short story as a literary genre with particular attention to narrative construction and techniques used by authors. Meets Core credit for humanities. Offered in conjunction with Ashland University. Theme: The Power and Peril of Perception: Truth, Illusion, & Identity.

### **151 CCP AMERICAN MUSICAL THEATRE (TH 303) Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grade 10-12 • Fee None • Prerequisite: None*

This course is an exploration of the development of the Broadway musical during the twentieth century. Representative musicals will be examined in terms of style, elements, and structure in order to identify criteria for aesthetic evaluation. The contributions of the major musical theatre artists and practitioners of the 20th century will be discussed as they relate to the evolution of this uniquely American theatrical form. Meets Core credit for aesthetics.

**150 CCP THEATRE/ACTING FOR NON ACTORS (TH 214) Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: CCP requirements*

This course introduces students to the fundamentals of theatre and acting with a focus on communication, confidence, and self-expression rather than performance for experienced actors. Designed specifically for non-actors, the course emphasizes practical skills such as vocal expression, movement, collaboration, creativity, and audience awareness. Students will explore basic acting concepts, scene work, improvisation, and theatre terminology while developing stronger presentation and interpersonal skills that transfer to academic, career, and everyday settings. No prior theatre experience is required.

***CCP Math*****221 CCP COLLEGE ALGEBRA (MATH 1110) North Central State College (NCSC)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: Algebra II*

A study of: 1) polynomial operations, rational expressions, exponents, radicals; 2) linear and quadratic equations, inequalities, absolute value applications and their graphs; 3) graphs of elementary functions and non-functions including inverse functions, combining functions, and translating and transforming functions; 4) study of polynomial including the Fundamental Theorem of Algebra, zeros of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule. Qualifying Math ACT score of 22 or higher is required or a 250 or higher on the Accuplacer Math test.

**225 CCP TRIGONOMETRY (MATH 1130) North Central State College (NCSC)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: College Algebra*

This course includes the study of trigonometric functions and inverse trigonometric functions and their graphs; solutions of right and oblique triangles and their applications; solutions of trigonometric equations and inequalities; the use of identities, vectors, and complex numbers; and solutions of polar equations and parametric equations. Students must supply a graphing calculator. Successful completion of MATH1110 with a grade of C- or better or qualifying placement test score is required.

**227 CCP CALCULUS I (MATH 1150) North Central State College (NCSC)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: Trigonometry*

A study of analytic geometry, limits, continuity, the derivative, basic differentiation rules, rates of change, the product and quotient rules, higher-order derivatives, the chain rule, implicit differentiation, related rates, extrema on an interval, Rolle's Theorem and the Mean Value Theorem. Function analysis includes increasing and decreasing functions and the first derivative test, concavity and the second derivative test, limits at infinity and curve sketching. Concluding topics include anti-derivatives, indefinite and definite integrals, the Fundamental Theorem of Calculus, and integration by substitution. Applications include optimization problems, Newton's method, differentials, and areas of planar regions. Successful completion of MATH1130 with a grade of C- or better or qualifying placement test score is required.

**228 CCP PROBABILITY and STATISTICS (STAT 1010) North Central State College (NCSC)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: Algebra II*

This course provides the student with an overview of probability and statistics. Probability terminology, concepts and rules are emphasized in solving probability problems. Descriptive statistics, including measures of central tendency and dispersion, charts, tables and diagrams are used to summarize data. The student is introduced to the binomial, Poisson, hyper-geometric, normal and t-distributions. Confidence intervals, hypothesis testing, correlation, and linear regression are used to make conclusions concerning population parameters from sample data. Qualifying Math ACT score of 22 or higher is required or a 250 or higher on the Accuplacer Math test.

**CCP SCIENCE****342 CCP PHYSICS I (PHYS1110) North Central State College (NCSC)**

*First Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: CCP requirements, Strong physical science skills.*

A study of Classical Newtonian Mechanics including measurement systems, dimensional analysis, vectors, scalars, linear, circular and rotational motion, forces in equilibrium, acceleration, work, and energy. A study of material properties including density, and hydraulic principles (both static and kinetic). Also a study of waves, and sound including simple harmonic motion, vibrations, reflection, transmission, interference and resonance for waves, intensity, sources, interference, and Doppler Effect for sound. **If you sign up for CCP Physics I first semester, you MUST take CCP Physics II second semester.**

**343 CCP PHYSICS II (PHYS1130) North Central State College (NCSC)**

*Second Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: CCP Physics I*

A study of heat to include calorimetry, expansion, heat capacity, conductivity, phase change, kinetic theory and gas laws. A study of light including its nature, and geometric optics. Also a study of electricity and magnetism including electric charges at rest, potentials, capacitances and dielectrics, current, resistance, and voltage, alternating circuits theory of frequency, reactance, impedance, power and resonance, magnetic field definition and effects on moving charges and conductors.

**CCP SOCIAL SCIENCES****411 CCP AMERICAN HISTORY THROUGH THE CIVIL WAR I (HIST 212) Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: 404 American History*

An examination of the creation and development of a distinctively American civilization, from its origins through the Civil War (to 1865).

**412 CCP AMERICAN HISTORY AFTER THE CIVIL WAR II (HIST 213) Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: 404 American History*

An examination of how the fundamental American principles of freedom and equality developed as the United States emerged as the world's leading power from the Civil War to the present.

### **417 CCP GOVERNMENT (POLSC 102) Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

An introduction to American politics, with primary emphasis on national institutions. Course topics include the political theory of the American Constitution, the relations among the different branches of government and between state and federal institutions, and the role of the courts in the protection of civil liberties.

### **407 SOC 111 CCP Principles of Sociology Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: CCP requirements*

The focus of this course is centered on an in-depth examination of social forces and their impact on social structure, sociocultural evolution and the socialization process. The theoretical perspectives, concepts, and principles of sociology are then applied to various areas of sociology such as social organization, culture, social structure, social interaction, social stratification, social inequality, social deviance and social institutions. Meets core credit for social sciences. Offered in conjunction with Ashland University.

### **416 PSYC 101 CCP General Psychology Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee None • Prerequisite: CCP requirements*

This course centers around the question, How do we explain human behavior? Inquiries are framed in the context of the major theoretical perspectives emergent from the sociohistorical evolution of psychology as a field of study. Behavior topics are examined by comparing and contrasting the assumptions, research methods, and conclusions embedded within the biological, psychoanalytical, behavioral, humanistic, cognitive, and sociocultural theories. Psychological inquiries also include evaluation of how these diverse approaches converge on questions about multiple influences on human behavior. Meets Core credit for social sciences. Offered in conjunction with Ashland University.

## ***CCP WORLD LANGUAGE***

### **621 CCP SPANISH I (SPAN 1010) NCSC**

*First Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • \*Fee \$5.00 • Prerequisite: Spanish I & II and subject to teacher approval.*

This is a course that develops basic speaking, listening, writing and reading skills, and the prerequisite is at least a B average across 2 years of High School Spanish; or an A average with 1 year of High School Spanish and teacher approval. The goal is for students to achieve a Novice Mid-level of proficiency across all the aforementioned skills. At this level, students will be able to engage in simple interpersonal exchanges. They will also be able to present and understand information about themselves and their immediate surroundings using words, phrases and memorized expressions while speaking and listening, reproduce from memory a modest number of words and phrases in context while writing, and identify a number of highly contextualized words and phrases including cognates and borrowed words while reading. This course is not intended for native speakers of Spanish and is a semester course to be combined with the 1020 for receiving college credit.

**622 CCP SPANISH II (SPAN 1020) North Central State College (NCSC)**

*Second Semester • 3 college credits/1 high school credit • Elective • Grade 11-12 • \*Fee \$5.00 • Prerequisite: 621 CCP Spanish I (SPAN 1010) and subject to teacher approval.*

Course Description: SPAN1020 is a continuation of SPAN1010 with more advanced practice in listening, reading, speaking (spoken presentations as well as interpersonal exchanges), and writing with an emphasis on practical Spanish. The course includes an introduction to Hispanic culture on selected topics. Prerequisite: Two years of high school Spanish or SPAN1010 (C or above) and teacher approval. This course is not intended for native speakers of Spanish.

**CCP ELECTIVES****112 EDFN 130 CCP Introduction to Teaching Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 11-12 • Fee: none • Prerequisite: CCP requirements*

This course prepares candidates to understand the professional responsibilities of teachers and the role of education in a democratic society. Through classroom observations, teacher questionnaires and education resources, candidates investigate culturally responsive and inclusive education, the economic, legal, and political context of schools, and the ethical standards of the teaching profession. Offered in conjunction with Ashland University.

**113 EDAE 102 CCP Study Skills for University Student Ashland University (AU)**

*Semester • 3 college credits/1 high school credit • Elective • Grades 10-12 • Fee: none • Prerequisite: CCP requirements*

This course introduces the study skills crucial to academic success. Emphasis is placed on practice in time management, listening, taking class notes, preparing for examinations, reading textbooks, writing papers, vocabulary building, problem-solving and utilizing educational resources. Offered in conjunction with Ashland University.

# AGRICULTURAL EDUCATION DEPARTMENT

## Environmental & Agricultural Systems 4 Year Plan

### 2026-2027

Class	Credential	Class	Credential
AFNR	Water Craft License	Business Management	FAA Part 107
Capstone	Franklin Covey Leadership	Animal Anatomy & Physiology	Elanco Vet Medical Applications
Greenhouse	Foundations of Hydroponics	Animal & Plant Science	BASF Plant Science
Mechanical Principles	Forklift & Manlift		

### 2027-2028

Class	Credential	Class	Credential
AFNR	Water Craft License	Global Economics & Food Markets	Ohio Agribusiness Association
Capstone	Franklin Covey Leadership	Livestock: Selection, Nutrition, Management	NCLA Principles of Livestock Selection
Greenhouse	Foundations of Hydroponics	Precision Apps in AFNR	Forklift & Manlift
Mechanical Principles	OSHA 10		

### 2028-2029

Class	Credential	Class	Credential
AFNR	Water Craft License	Business Management	FAA Part 107
Capstone	Franklin Covey Leadership	Animal Anatomy & Physiology	Elanco Vet Medical Application
Greenhouse	Foundations of Hydroponics	Animal & Plant Science	BASF Plant Science
Mechanical Principles	Forklift & Manlift	Meat Science	AMSA Meat Evaluation

### 2029-2030

Ag	Credential	Class	Credential
AFNR	Water Craft License	Animal & Plant Science	BASF Plant Science
Capstone	Franklin Covey Leadership	Global Economics & Food Markets	Ohio Agribusiness Association
Greenhouse	Foundations of Hydroponics	Livestock: Selection, Nutrition, Management	NCLA Principles of Livestock Selection
Mechanical Principles	OSHA 10	Science of Technology & Food	AMSA- Food Safety Science

Agricultural Education programs are based on the three-component model, consisting of Classroom activities, FFA, and Supervised Agricultural Experience (SAE) program. Students will engage in high-quality instruction and learning through interactive classroom and laboratory experiences. By developing a personalized, agriculture-based SAE program as an extension of the classroom experience, students will build work-readiness skills through experiential learning. FFA, an intracurricular activity, is the nation's largest student-led organization, providing opportunities to develop premier leadership, personal growth, and career success. Students will be members of the National, State, and Local FFA organizations. Through engagement with the FFA organization, students will strengthen public speaking and communication skills and enhance teamwork, leadership, and community involvement.

Credit Information: All Agricultural Education courses are worth 1.25 credits upon the completion of the three components; Classroom, FFA, and SAE program.

### **702 AGRICULTURE, FOOD AND NATURAL RESOURCES (AFNR)**

*Full Year • 1¼ credit • Elective • Grades 8-12 • Fee \$12.00 • Prerequisite: none*

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, basic shop principles in woods, 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. Students will have the opportunity to earn a Watercraft License credential.

### **703 ANIMAL ANATOMY AND PHYSIOLOGY**

*Full Year • 1 ¼ credit • Elective • Grades 10-12 • Fee none • Prerequisite: AFNR*

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

*Note: Livestock Selection Management and Nutrition will alternate with Animal Anatomy and Physiology.*

### **705 ANIMAL AND PLANT SCIENCE**

*Full Year • 1 ¼ credit • Elective • Grades 10-12 • Fee none • Prerequisite: AFNR*

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

*Note: Precision and Engineering Application in Agriculture will alternate with Animal and Plant Science.*

## **704 MECHANICAL PRINCIPLES**

*Full Year • 1¼ credit • Elective • Grades 10-12 • Fee \$12.00 • Prerequisite: AFNR*

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, framing in woods, 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 identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. Students will have the opportunity to earn a Forklift and Manlift credential.

## **712 BUSINESS MANAGEMENT FOR AGRICULTURAL AND ENVIRONMENTAL SYSTEMS**

*Full Year • 1¼ credit • Elective • Grades 10-12 • Fee \$12.00 • Prerequisite: AFNR*

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports, and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. Lessons on drones and earning your FAA Part 107 certification are incorporated into this course. Students will have the opportunity to earn the FAA Part 107 certification and credential.

*Note: The Global Perspective will alternate with Business Management For Agricultural and Environmental Systems.*

## **750 GREENHOUSE AND NURSERY MANAGEMENT**

*Full Year • 1¼ credit • Elective • Grades 10-12 • Fee \$12.00 • Prerequisite: AFNR*

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. Students will have the opportunity to earn the Foundations in Hydroponics credential.

## **755 AGRICULTURE CAPSTONE**

*Full Year • 1¼ credit • Elective • Grades 11-12 • Fee \$12.00 • Prerequisite: Must have 3 testable courses completed or be enrolled in the third testable course to be eligible to take capstone*

With teacher approval, students may pursue self-directed, project-based learning in advanced woodworking, design, welding, metal fabrication, hydraulics, and pneumatics. This course emphasizes hands-on problem solving, creativity, and real-world application of technical skills. Students will plan, design, and complete projects aligned with their interests while developing leadership, time-management, and collaboration skills. Participants will also have the opportunity to earn Franklin Covey Leadership credentials, supporting personal growth and career readiness.

## **ART DEPARTMENT**

### **820 DRAWING MEDIA**

*1 Semester • ½ credit • Elective • Grades 9 -12 • Fee \$30.00 • Prerequisite: none*

A studio approach study of drawing media including graphite pencil, charcoal, chalk/pastel, ink and marker. Study of perspective, depth of field, gray scale, shading, basic and stylistic pen and ink, calligraphy lettering and pen and ink drawing.

### **822 PAINTING MEDIA**

*1 Semester • ½ credit • Elective • Grades 9 -12 • Fee \$30.00 • Prerequisite: none*

A studio approach study of painting and media including ink, watercolor, tempera, and acrylic/oil. Study of color theory/relationships, brush techniques, wash, mask and layering

### **824 CERAMICS AND SCULPTURE**

*1 Semester • ½ credit • Elective • Grades 9 -12 • Fee \$45.00 • Prerequisite: none*

A studio approach study of three dimensional media, including plaster, clay, wood, and more. Projects in course may include plaster mask casting, clay fundamentals of slab, pinch pot, and sculpture. As well as wood burning and mix media techniques and sculpture. Optional advanced projects may be at additional student expense.

### **826 STAINED GLASS**

*1 Semester • ½ credit • Elective • Grades 9 -12 • Fee \$45.00 • Prerequisite: none*

A studio approach study of stained glass. Class would include project conceptualization, layout and design, glass cutting, glass grinding, glass coming, and soldering. Optional advanced projects may be at additional student expense.

### **828 INDEPENDENT ADVANCED MEDIA**

*1 Semester • ½ credit • Elective • Grades 10 -12 • Fee \$45.00 • Prerequisite: Instructor Approval with successful completion of one of the following courses (820 Drawing Media; 822 Painting Media; 824 Ceramics/Sculpture; or 826 Stained Glass).*

An advanced course offered to students who wish to develop their technical artistic skills from a previously completed Art Studio course. This course is designed for students with strong, independent motivation and a desire to become mature artists. Students will be expected to continue exploring and growing in one of the media disciplines (stained glass, sculpture, ceramics, painting, drawing, etc.) with a more independent and focused approach. Students are expected to develop a “theme” or focus for their work, while amassing a portfolio of completed work. Students who take this course will submit a portfolio for review at the end of the semester. Students may be scheduled concurrently with existing students in another course.

## ENGLISH DEPARTMENT

Four Credits Required for Graduation

### **100 ENGLISH I**

*Full Year • 1 credit • Required • Grade 9 • Fee \$25.00 • Prerequisite: none*

The English I course, designed in accordance with the Ohio Learning Standards, provides the foundation for the high school English curriculum. Throughout the course, students will engage in a variety of literary works, including short stories, novels, poetry, and plays. Class activities will involve collective reading, small group reading with discussions, and independent choice-reading. The curriculum emphasizes the development of writing skills across various genres, allowing students to create pieces for an authentic audience. Students will also engage in special projects to refine speaking and listening skills that revolve around digital composition and podcasting.

### **110 ENGLISH II**

*Full Year • 1 credit • Required • Grade 10 • Fee \$25.00 • Prerequisite: English I or concurrently*

This course aims to build upon skills built in the 9th grade English course of study. Students in this course will be exposed to many different types of readings from many different countries of origin. This class will have students working individually, in pairs and in groups to help strengthen the understanding of anchor texts. Research, writing, and reading are integral components of being successful in this class. \* Students will take a State of Ohio end of course exam to earn points toward graduation.

### **139 COMMUNICATIONS**

*Full Year • 1 credit • Required • Grades 11-12 • Fee \$5.00 • Prerequisite: English II or concurrently*

Communications is a core English course designed to strengthen the real-world communication skills students need for success in school, careers, and everyday life. Students will build confidence in reading, writing, listening, and speaking while learning how to communicate clearly, professionally, and persuasively in a variety of settings.

The course focuses on interpersonal communication and the effective use of verbal, vocal, nonverbal, oral, and visual communication skills. Students will practice delivering engaging presentations that inform, persuade, or entertain different audiences. They will also learn how to find, evaluate, use, and properly cite evidence to support ideas, opinions, and arguments.

Through hands-on activities and real-world scenarios, students will apply communication strategies to build positive relationships, collaborate with others, and express ideas with clarity and purpose. Instruction is aligned to the Communication: Oral and Visual Standards within Ohio's Learning Standards for English Language Arts, ensuring students develop essential communication skills that transfer across all content areas.

## **FAMILY & CONSUMER SCIENCE DEPARTMENT**

### **765 CULINARY FUNDAMENTALS**

*Semester • ½ credit • Elective • Grades 9-12 • Fee \$30.00 • Prerequisite: none*

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection, and proper use of tools and equipment. An emphasis will be placed on food preparation, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. A large cooking unit will be included in this course that includes making a wide variety of everyday recipes such as breads, main dishes, and desserts.

### **775 PERSONAL FINANCIAL MANAGEMENT**

*Semester • ½ credit • Required • Grades 11-12 • Fee \$12.00 • Prerequisite: none*

In this course, students will develop personal financial plans for individual personal well-being. Throughout this course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Topics will include budgeting, debit/credit cards, insurance, apartment leasing, home buying, car leasing/purchasing, analyzing services from financial institutions, consumer protection, investing, and risk management. A small cooking unit will be included that focuses on simple and cost-effective meal planning choices.

### **780 CHILD DEVELOPMENT**

*Semester • ½ credit • Elective • Grades 9-12 • Fee \$12.00 • Prerequisite: none*

In this course, students will study the principles of child growth, development and behavior starting with the stages of pregnancy. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, theories of development, parenting and learning styles, and how raising children has evolved along with societal changes. A small cooking unit will be included in this class which includes activities that can be done with children.

### **790 GLOBAL FOODS**

*Semester • ½ credit • Elective • Grades 9-12 • Fee \$30.00 • Prerequisite: none*

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques. Students will prepare specially selected recipes that reflect the culture and traditions of many different areas of the world.

## GENERAL/INTERDISCIPLINARY

### **160 YEARBOOK**

*Full Year • 1 credit • Elective • Grades 10-12 • Fee \$20.00 • Prerequisite: English I or equivalent, Yearbook Advisor's approval*

This course offers a unique opportunity for students to develop, produce, and market a project – the school's yearbook. Students gain hands-on experience in basic photo-journalistic design and layout, photography, photo selection and preparation, copywriting, advertising, and marketing. Students become responsible for every phase of the production process, from selecting a theme and design to producing copy and layouts, soliciting advertising, selling the book, and finally, distributing the final product. Students taking this course must be creative, responsible, willing to learn computer-aided production processes, and must attend events outside of the school day.

### **182 DIGITAL CREATION**

*Full Year • 1 credit • Elective • Grades 10-12 • Fee \$25.00 • Prerequisite: none*

Are you ready to create, design, and share your voice with the world? This digital media course allows you to explore the fast-growing world of online creativity, from video production and podcasting to website design, blogging, Canva graphics, social storytelling, and more. Students will learn the tools today's top creators and professionals use to build a brand, grow an audience, and make an impact.

Through hands-on projects, you'll film and edit short videos, plan and record a podcast, design eye-catching graphics, build simple websites, write engaging posts, and develop your own digital style. You'll have choice in the platforms and projects you create—whether that's a website or online portfolio, a podcast series, a YouTube-style channel, a blog, a social media campaign, a small-business brand concept, or another passion project you design. After learning each skill through short tutorials and guided practice, you'll apply it independently to projects built around your own interests, causes, and ideas.

By the end of the course, you'll walk away with a professional-style digital portfolio, a more polished online presence, and real-world skills you can use in future careers in fields like marketing, digital media, design, content creation, or entrepreneurship. If you love creativity, technology, trends, and making your voice heard, this is the class for you. Become the next great creator... starting right here.

### **187 INTRODUCTION TO STEAM**

*Semester • ½ credit • Elective • Grades 9-12 • Fee \$45.00 • Prerequisite: none*

This is an introductory classroom and lab approach to printmaking, the use of hand and electric tools, an introduction to robotics, electricity, and coding/computer-assisted drawing. Printmaking includes using 3D printers, vinyl printers, engravers, silk screen printers, and routers. Tool use includes hand, cordless, and power tools in the STEAM and wood shop classrooms. Electricity includes circuitry, soldering, and alternative energy. Robotics involved mechanical electrical coding and remote control.

### **188 STEAM CAPSTONE**

*Semester • ½ credit • Elective • Grades 10-12 • Fee Determined per use of materials • Prerequisite: none*

Teacher approved, self-determined projects in advanced printmaking, including but not limited to the use of vinyl banners, laser etching prints, CNC routers, 3D printers, robotics and /or silkscreen prints.

## **900 WORK STUDY**

*Semester, Full Year, Summer • ½ -2 credits • Elective • Grades 11-12 • Fee none • Prerequisite: Skills that Matter (beginning 2027 school year) and Administrative Approval*

The Work Study program allows students to earn high school credit while maintaining approved employment related to career exploration or skill development. Students demonstrate responsibility, time management, communication, and professionalism while balancing work and academic expectations. Credit is earned through verified work hours, employer evaluations, and possible coursework or reflections. Work Study helps students build practical skills, develop a strong work ethic, and prepare for future employment or training pathways. Please see the School Counselor or Principal for additional information.

## **161 SKILLS THAT MATTER: SKILLS FOR LIFE, WORK, AND SUCCESS**

*Semester • ½ credit • Elective • Grades 9-12 • Fee none • Prerequisite: none (prerequisite for work study)*

This course focuses on the essential “people skills” employers look for in every career. Students will build strong communication, teamwork, professionalism, and problem-solving skills while learning how to manage time, set goals, and take responsibility for their work. Through hands-on activities, real-world scenarios, and collaborative projects, students will practice leadership, adaptability, and decision-making in workplace-style settings.

Students will explore career pathways and learn how employability skills apply across fields such as business, healthcare, education, skilled trades, agriculture, and technology. The course also emphasizes workplace expectations, resume basics, interview skills, digital professionalism, and positive work habits that transfer to school, jobs, and everyday life. By the end of the course, students will be better prepared to succeed in high school, future careers, and the real world. This is a mandatory course for work study.

## **162 COMPUTER APPLICATIONS & KEYBOARDING: POWER UP YOUR DIGITAL SKILLS**

*Semester • ½ credit • Elective • Grades 9-12 • Fee none • Prerequisite: none*

This hands-on course helps students become fast, confident, and responsible digital creators. Students will build strong keyboarding skills while learning to use real-world computer applications such as word processing, spreadsheets, presentations, and online collaboration tools. Along the way, they’ll design projects that mirror how technology is used in school, the workplace, and everyday life.

Students will also explore digital citizenship, learning how to stay safe online, protect personal information, communicate respectfully, and use technology ethically and responsibly. Career connections are woven throughout the course as students discover how digital skills are used in fields such as business, education, healthcare, marketing, engineering, agriculture, and skilled trades.

This course is aligned to the Ohio Technology Learning Standards, emphasizing creativity, communication, collaboration, critical thinking, and responsible technology use—skills students need to succeed in high school, future careers, and a technology-driven world.

## **163 IMPROV: COMMUNICATION IN ACTION**

*Semester • ½ credit • Elective • Grades 9-12 • Fee none • Prerequisite: none*

This course uses improvisational activities to strengthen communication skills in a supportive, low-risk environment. Students build confidence in speaking, active listening, collaboration, and quick thinking through interactive games, group challenges, and spontaneous problem-solving tasks. Emphasis is placed on clear verbal expression, nonverbal communication, adaptability, and teamwork. Students learn how to think on their feet, respond respectfully to others’ ideas, and communicate effectively in academic, professional, and everyday situations. No prior experience is required.

## HEALTH & PHYSICAL EDUCATION DEPARTMENT

The scheduling of required Health and Physical Education courses takes precedence over all elective courses in the freshman and sophomore years. One-half credit of Health (1 semester) and two one-quarter credits of Physical Education (2 semesters) are required for graduation. \*PE may be taken in 8th grade for high school credit. Strength Training & Conditioning may be taken for PE credit or as an elective.

### **010 HEALTH EDUCATION**

*Semester • ½ credit • Required • Grades 9-12 • Fee \$12.00 • Prerequisite: none*

Health is recommended to be taken in the 9th or 10th grade. The course will provide students with essential knowledge and strategies, as well as opportunities to practice healthy behaviors and to examine the benefits and consequences of healthy and unhealthy lifestyles. Course content covers a variety of topics related to physical, mental, emotional, and social health, including: cognitive and emotional wellness, relationships, nutrition, fitness, body systems and disease, human growth and development, substance abuse, responding to emergencies, and CPR. This requirement can be fulfilled outside the school year to accommodate scheduling constraints, if desired. The family pays for the class, and TRECA is one option for fulfilling this credit requirement.

### **001 PHYSICAL EDUCATION**

*Semester • ¼ credit • Required • Grades 9-12 • Fee \$17.00 • Prerequisite: none*

A course designed to expose students to different sports, leisure activities, and fitness opportunities, and develop a healthy attitude towards physical activity and its contribution towards living a healthy lifestyle. Individual and group activities are offered with emphasis on participation and sportsmanship.

### **003 STRENGTH TRAINING AND CONDITIONING A and B**

*Semester or Full Year • ½ or 1 credit • PE or Elective • Grades 9-12 • Fee \$15.00 • Prerequisite: none*

Strength training and conditioning is a course designed to meet students where they are, en route to their athletic, work-related, or general physical fitness and strength goals. Class participation and assignments will focus on a variety of things, including proper form and safety, cardio and strength workout progressions and programming, fitness assessment, goal setting, flexibility and mobility, speed and agility, nutrition, technology for training, biomechanics, and movement analysis. This class may be taken for credit over 2 semesters, in the same year or in different years.

### **004 TRAIN SMART FOR LIFE: FITNESS, NUTRITION AND CAREERS**

*Semester • ½ credit • Grades 10-12 • Fee \$10.00 • Prerequisite: Health*

A hands-on, real-world course for students interested in lifelong healthy living, physical performance, and careers in health and fitness. Students examine how nutrition and physical activity impact the body across the lifespan and influence athletic performance, while actively participating in fitness experiences such as strength training, cardio, flexibility, and recreational activities. The course also explores health and wellness careers through self-assessment, career pathways, and real-world connections including guest speakers and applied learning.

## MATHEMATICS DEPARTMENT

Four Credits Required for Graduation

### **204 APPLIED MATHEMATICS**

*Full Year • 1 credit • Grade 9 • Fee none • Prerequisite: Teacher Signature*

Applied Math is a practical, real-world mathematics course designed to help students build confidence and problem-solving skills they can use every day. Students strengthen foundational math concepts, including integers, fractions, decimals, ratios, percentages, equations, measurement, and basic algebra and geometry skills, while applying them to real-life situations such as budgeting, interpreting data, and making informed decisions. Emphasis is placed on hands-on practice, critical thinking, and using math as a tool for work, life, and future learning. A teacher's signature is required to enroll in this course.

### **206 ALGEBRA I**

*Full Year • 1 credit • Required • Grades 9-10 • Fee none • Prerequisite: none*

Algebra I is the first course in our college preparatory math sequence. It will cover the Algebra I indicators of the Ohio Standards for Mathematics. Topics will include numbers and operations, measurement, geometry, algebra, and statistics with emphasis on the algebra topics. Expect homework daily. \*Students will take a State of Ohio end of course exam to earn points toward graduation.

### **208 ALGEBRA II**

*Full Year • 1 credit • Required • Grades 10-12 • Fee none • Prerequisite: Algebra I*

Algebra II is the third course in our college preparatory math sequence. It will cover Algebra II indicators of the Ohio Standards for Mathematics. Topics covered in this course include: Equations & Inequalities, Functions, Matrices, Polynomials, Conic Sections, Exponentiation & Logarithms, Arithmetic & Geometric Sequences and Trigonometry. Expect homework daily.

### **209 HONORS ALGEBRA II**

*Full Year • 1 credit • Elective • Grades 10-11 • Fee none • Prerequisite: Algebra I and A's or B's in previous high school math courses*

Honors Algebra II may also be the third course in our college preparatory math sequence. This course will cover the same topics as Algebra II (see above). However, these topics will be covered in greater detail and at a faster pace. Students should be proficient in mathematics and willing to spend the time required by an honors course. Expect homework daily.

### **210 GEOMETRY**

*Full Year • 1 credit • Required • Grades 9-11 • Fee none • Prerequisite: Algebra I*

Geometry is the second course in our college preparatory math sequence. It will cover Geometry indicators of the Ohio Standards for Mathematics. Topics will include numbers and operations, measurement, geometry, algebra, and probability with emphasis on the geometry and spatial sense topics. Expect homework daily. \*Students will take a State of Ohio end of course exam.

### **215 ADVANCED QUANTITATIVE REASONING**

*Full Year • 1 credit • Elective • Grade 12 • Fee none • Prerequisite: Algebra I & Geometry*

This course is designed for seniors who have passed Algebra I and Geometry, but do not plan to have a career in a technological field such as medicine, engineering, computer science, and math, among others. 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.

## **MUSIC DEPARTMENT**

### **850 BAND**

*Full Year • 1 credit • Elective • Grades 9-12 • Fee: Provided by the Director • Prerequisite: none*

The Hillsdale Band program includes the Marching Band and Symphonic Band. Members of the Varsity football team are excused from marching in the fall, then enter the band in November. All of the bands schedule rehearsals and performances outside of the school day. Attendance is an integral part of the class requirements.

Marching Band members must report in August to prepare performances for football games, parades, and occasional contests. During the school year, rehearsals are during school and after school on Wednesdays. Unexcused absence may be cause for students to forfeit membership in the organization.

### **860 CONCERT CHOIR**

*Full Year • 1 credit • Elective • Grades 9-12 • Fee none • Prerequisite: none*

Vocal music is offered to students desiring to acquire skills that are necessary to meet superior standards of performance. The individual must desire to develop the social abilities to work and share with others, and to develop a sense of responsibility for the success of the group. Students must attend all public performances. Any unexcused absence from rehearsals or performances may be cause for students to forfeit membership in the organization.

### **870 GUITAR 1**

*Semester • ½ credit • Elective • Grades 9-12 • Fee none • Prerequisite: none*

Beginner-level guitar course focused on building a strong foundation in music. Students will learn basic notes and chords, explore simple improvisation and composing techniques, and develop ensemble playing skills through guided practice and collaboration. No prior guitar experience is required.

### **871 GUITAR 2**

*Semester • ½ credit • Elective • Grades 9-12 • Fee none Prerequisite: Guitar I*

This intermediate-level course builds on the skills developed in Guitar I and is designed for students with prior guitar experience. Instruction focuses on expanding chord knowledge, improving technique and tone, reading and interpreting music, and developing more advanced improvisation and composition skills. Students will continue ensemble playing, emphasizing timing, listening, and collaboration, while exploring a wider range of musical styles and performance opportunities.

### **899 MARCHING BAND AUXILIARY**

*Fall Quarter and other performances as assigned by the Director of Bands • ¼ credit • Elective • Grades 9-12 • Fee: Provided by the Director • Prerequisite: none*

Flags, Rifles, and other approved Supplementary Support Units for the marching band performances. Marching Band Auxiliary members must report in August to prepare performances for football games, parades, and occasional contests. During the school year, rehearsals are during school and after school on Wednesdays. Unexcused absence may be cause for students to forfeit membership in the organization.

## SCIENCE DEPARTMENT

Three Credits Required for Graduation

Three science credits are required for graduation and advanced science for the Honors Diploma. Students must select at least one credit of physical science (unified physical science, chemistry, and physics are considered physical sciences) and a credit of biology as the biological science requirement. Advanced sciences are Forensics, Zoology, Survival Science, and CCP Science courses.

### **310 UNIFIED PHYSICAL SCIENCE**

*Full Year • 1 credit • Grade 9 • Fee \$20.00 • Prerequisite: none*

Unified Physical Science integrates physical, earth, and space science while addressing the academic standards required for state assessments. Students explore the structure and properties of matter, physical and chemical changes, energy transfer and conservation, motion and forces, and wave interactions. The course also examines Earth's systems, human impact on natural resources, and the composition and scale of the solar system to explain and predict patterns in the natural world.

### **320 BIOLOGY**

*Full Year • 1 credit • Required • Grades 9-10 • Fee \$20.00 • Prerequisite: Teacher Recommendation for 9th grade, none for grades 10-12*

Biology is a broad survey of basic biological principles designed to help students develop a better understanding, and respect for, the living world around them. Students will study the structure, function, and interrelationships of living organisms, including ecology, introductory biochemistry, cell biology, genetics, evolution, and biodiversity. It also explores the foundations and practices of the scientific method, inquiry, microscopes, graphing, and measurement. The class includes diverse laboratory experiences, including the use of microscopes. \*Students will take a State of Ohio end of course exam to earn seals for graduation.

### **333 CHEMISTRY**

*Full Year • 1 credit • Elective • Grades 10-12 • Fee \$40.00 • Prerequisite: Algebra I*

Chemistry is an inquiry-based course designed to familiarize you with the science processes, skills, and understandings related to a wide range of topics in chemistry. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction and application.

### **360 SURVIVAL SCIENCE**

*Full Year • 1 credit • Elective • Grades 10-12 • Fee none • Prerequisite: none*

Modern life is messy. Civilization depends on using natural resources, and our comforts come at a cost. This course examines how humans interact with the natural world to sustain society, focusing on the atmosphere, oceans, land, life, and population, but only as they relate to human survival. You'll explore energy, resources, and human systems while gaining practical knowledge to make smarter life decisions, such as choosing where to live safely and preparing for future economic risks and opportunities.

## **SCIENCE: Advanced**

### **355 ANATOMY & PHYSIOLOGY**

*Full year • 1 credit • Elective • Grades 10-12 • Fee \$25 • Prerequisite: Biology*

This year-long course is intended for students who have demonstrated a strong interest in Life Sciences, or those interested in pursuing careers in the health fields. This is an introductory study of life processes and biological principles with special reference to the human organism. The basic terms and concepts that deal with the structure and processes of the human body are studied and used in describing the nature of life-sustaining functions. The areas covered will include study of the human body as a whole, medical terminology, biochemistry, cell and tissue structure, and the basic structure and function 11 human body systems (integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, digestive, respiratory, urinary and reproductive). Laboratory experiences designed to supplement the lecture topics will be required, including microscopy, model study, specimen dissection, cadaver study, physiological experiments, and a detailed dissection of a house cat (*Felis domesticus*) to compare its anatomy and physiology to that of a human.

### **370 FORENSIC SCIENCE (2026-2027 school year)**

*Full Year • 1 credit • Elective • Grades 10-12 • Fee \$30 • Prerequisite: Biology*

Forensic Science is a year-long course designed to help students develop a basic understanding of the principles of forensic crime investigation. We will study the history of forensics, as well as the collection, examination, evaluation, and interpretation of evidence. Some of the topics covered include the legal system, crime scene analysis, hair and fiber evidence, DNA fingerprinting, fingerprint analysis, blood composition and spatter, forensic toxicology, death and decomposition, forensic anthropology, and ballistics. Forensic Science is an elective course. (*Forensic Science, alternates with Zoology. Zoology will be offered during the 2027-2028 school year.*)

### **365 ZOOLOGY (2027-2028 school year)**

*Full year • 1 credit • Elective • Grades 10-12 • Fee \$30.00 • Prerequisite: Biology*

Zoology is a year-long course which examines the diversity of the animal kingdom, focusing on the major groups of invertebrates and vertebrates. We will study these animals in an evolutionary context, emphasizing taxonomy, morphology, reproduction, and ecology. The lab component will include hands-on and virtual dissections to examine physical differences across the major phyla as well as work with live invertebrates. The teacher tries to tailor the class towards student interests each year allowing the students to vote on which animal dissections and labs they complete; options include: testing regeneration in planaria, raising hornworms, silkworms, or butterflies, measuring the pulling strength of bess beetles, dissecting jellyfish, sea anemones, clams, oysters, squid, crayfish, sea stars, dogfish sharks, snakes, turtles, pigeons, rats, and owl pellets. Zoology is an elective course. (*Zoology alternates with Forensic Science and will be offered in the 2028-2029 school year.*)

## **SOCIAL STUDIES DEPARTMENT**

Three credits required for Graduation

### **400 MODERN WORLD HISTORY**

*Full Year • 1 credit • Required • Grade 9 • Fee none • Prerequisite: none*

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. Students practice historical thinking by analyzing primary and secondary sources from multiple perspectives to draw conclusions.

### **404 AMERICAN HISTORY**

*Full Year • 1 credit • Required • Grade 10 • Fee \$20.00 • Prerequisite: none*

This course begins with a brief examination of key founding documents and then explores the history of the United States from Reconstruction (1877) to the present. Students will study how the federal republic has responded to challenges to national security, expanded the rights and roles of its citizens, and evolved through major historical episodes that continue to shape the nation today. Emphasis is placed on reading, writing, speaking, and critical thinking as students build factual knowledge, analyze primary and secondary sources from multiple perspectives, evaluate historical problems, and develop persuasive writing skills. Major topics include industrialization, westward expansion, progressivism, American imperialism, the Great Depression and New Deal, World Wars I and II, the Cold War, the war on terrorism, and key social, political, and economic developments since World War II, with a focus on understanding their significance for today's citizens. \*Students will take the State of Ohio end-of-course exam to work toward earning a state-recognized seal in citizenship.

### **406 AMERICAN GOVERNMENT**

*Full Year • 1 credit • Required • Grade 11 • Fee none • Prerequisite: none*

Students will analyze the founding principles of the U.S. Constitution, including federalism, separation of powers, and checks and balances, and explore the structure and interactions of the Legislative, Executive, and Judicial branches. The course also examines how the Constitution has evolved through key amendments and Supreme Court decisions, and examines both state and local government. Students will develop the knowledge and critical skills necessary to be active, informed citizens by analyzing political issues, evaluating media, and understanding the role of political parties, interest groups, and public policy in a functioning federal republic. \*Students will take the State of Ohio end-of-course exam to work toward earning a state-recognized seal in citizenship.

### **408 COMMUNITY SERVICE**

*Semester • 60 hours=0.5 credits • Grades 9-12 • Fee none • Prerequisite: Counselor Signature*

The Community Service course allows high school students to earn elective credit through approved service completed outside the school day. Students may earn up to one elective credit in ½-credit increments for each 60–75 hours of pre-approved service, with eligible activities including voluntary school, community, or public service. Service must be unpaid, verified, and documented, and encourages civic responsibility, leadership, and meaningful community engagement.

## **WORLD LANGUAGE DEPARTMENT**

### **612 SPANISH I**

*Full Year • 1 credit • Elective • Grades 9-12 • Fee \$5.00 • Prerequisite: none*

Introduction to Spanish language and Hispanic/Latino Cultures is a general introduction to the Spanish language and its associated structures, nature, uses, significance on a local, regional, national, and global scale, as well as a broad overview of the some of the cultures, contributions, history, humanities, and geography of Spanish-speaking countries and people. In this class, students will learn how to communicate at a basic level using the building blocks of practical language, that is, the words, phrases, and tasks one should and be able to do for basic proficiency. Through video, music, conversations, compositions, presentations, skits, cooperation, conversations, and demonstrations, a willing student can expect to gain basic skills for Spanish conversation, proper pronunciation, survival, as well as awareness of some of the cultural perspectives associated with the Spanish language.

### **614 SPANISH II**

*Full Year • 1 credit • Elective • Grades 10 -12 • Fee \$5.00 • Prerequisite: Spanish I*

Spanish II students can expect to pursue a more in-depth perspective of the Spanish language. We will review, refine, and enhance our current skills in spoken Spanish by studying its grammatical structures and rules. Also, we will explore the linguistic significance and value on a domestic and global scale. We will further investigate some of the fascinating cultures, contributions, history, humanities, arts, music, and geography of more Spanish-speaking countries and people. In this course, students complete a major research project on Spain, economies, foods, Latin cinema, and Latino/Hispanic relations and communities within the U.S, Spanish holidays, and events across the United States and regional Spanish speaking area. There will be opportunities to share with other Spanish classrooms and Spanish speakers conversations and communication.

### **616 SPANISH III**

*Full Year • 1 credit • Elective • Grades 11 -12 • Fee \$5.00 • Prerequisite: Spanish II*

Spanish III students can expect opportunities for applying their current Spanish knowledge and skill to more in-depth conversation topics, research projects, and communication opportunities. Students will further investigate some of the cultures, contributions, history, humanities, and geography of more Spanish-speaking countries and people. In this course, students complete a major research project on South American countries, Latino/Hispanic relations and communities within the U.S., some specifics in Spanish dealing with immigration, the world of employment, Spanish holidays, and events across the United States and regional Spanish speaking area. In this course, we connect with local businesses and universities to assess the true value of pursuing Spanish as a complement to any major or field of work. There will be potential opportunities to share conversations with other Spanish classrooms and Spanish speakers.