

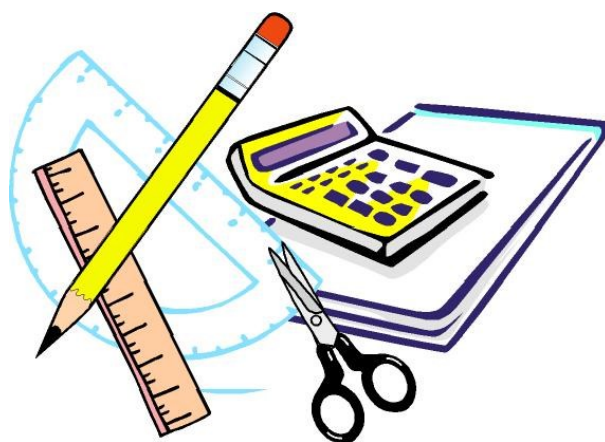


HILLSDALE HIGH SCHOOL

COURSE REGISTRATION BOOKLET

2015 – 2016

High school website: <http://www.hillsdale.k12.oh.us/hs>



Hillsdale Local Schools

Building Character, Expecting Excellence!

Dear Students and Parents/Guardians:

Hillsdale High School has established a diversity of course offerings that provides strong, core academic preparation combined with extensive elective opportunities. The comprehensive nature of this curriculum enables our students to prepare for a variety of post high school experiences including the rigor of a four-year college, university experience or career placement.

This handbook contains valuable information needed for each student to develop his or her personal four-year program of study as well as policies, procedures and timelines regarding adjustments after course registration. Each year students and parents should reflect on the student's success and experience and make appropriate revisions to that four-year plan. As you review the information contained in this booklet, you will find many familiar courses in the traditional academic areas. In addition, our curriculum offers richness across the total educational program that allows our students to select courses from a wide variety of elective areas. We encourage all students to avail themselves of these elective courses as opportunities to expand their personal interests, explore work and career opportunities and identify potential post-secondary programs of study.

We have a structured timetable for the registration process that will allow you to make well-informed decisions for your course of study. Because these are serious decisions, please use this time wisely to work in partnership with the school staff to ensure your success.

We wish you success in your high school experience.

Sincerely,

Kevin Reidy, Principal

Hillsdale High School

FIND IT FAST

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Hillsdale High School

Course Offering Guide and Planning Guide 2015—2016

This resource provides both general and specific information about Hillsdale Schools' course offerings, graduation requirements, school policies and high school and college planning. This information will be useful as you select courses for your high school career and as you prepare for post-secondary education and life-long learning.

What you will find in this resource:

- **Descriptions of each course**
- **Graduation requirements**
- **High school and post-secondary planning information**
- **Answers to frequently asked questions regarding course registration**

Your counselor is your central contact for the course registration process and is available to answer your questions, help you find information and provide guidance in your course selections.

**This guide is also available online through the Hillsdale Local School District's website,
www.hillsdale.k12.oh.us**

High School tab, then Guidance tab



Graduation Requirements Worksheet

This tool can be used to plan your academic program, record credits earned, and track progress toward fulfilling graduation listed on page 4.

Each block represents 1.0 credits (2 semesters).

Example— By the end of sophomore year, a student’s English credits may look like as shown below. This example also shows that the student is planning to take English III in the upcoming year.

English Language Arts (ELA) = 4 credits

English I 1.0 Credit	English II 1.0 Credit	English III 1.0 Credit	English IV 1.0 Credit	English Elective	<input style="width: 100%; height: 100%;" type="text"/>
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English—4 Credits

<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
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Mathematics—4 Credits

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Science—3 Credits

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Social Studies— 3 Credits

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Health— 0.5 Credits

Physical Educ. — 0.5 Credits

Electives— 5.0 Credits / 5.5 Credits if participating in Physical Education waiver

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Fine Arts — 1 Credit

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 course schedule at Materials Pick Up.

STUDENT SCHEDULES

All students who attend Hillsdale High School must be full-time students. A full-time student is defined as a student who is enrolled in six credit-producing courses each semester, or its equivalent. A full-time schedule as defined in this paragraph will allow a student to have a lunch and a study period and meet Hillsdale Schools' graduation requirements.

Participation in student programs, including Ashland County West Holmes Career Center (ACWHCC), or course work at North Central State College, provides blocks of credit and qualifies as part of a full-time student schedule.

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. Current high school students enter their course requests through scheduling software in April at the Counselor's direction. Incoming 9th grade students select courses using a form provided in April. After students receive their Course Verification Form in May and if the sections and/or seats are available, students may amend a selection as described on the Course Verification Form until the deadline. After that time, any changes to schedules must be completed during material pickup in August, before the first day of the school year.

The following circumstances will be considered a valid reason for changing a course request:

- Student lacks a prerequisite for the selected course
- A different course is needed to meet graduation requirements
- An error in recording student information is made
- Student fails a required course
- A higher education institution recommends in writing an additional course

GRADUATION REQUIREMENTS & COURSE OFFERINGS

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 in English I, 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 international baccalaureate course, or a college credit plus or advanced standing program, shall take the A.P. or I.B. 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.

SUBSTITUTING A COURSE

During material pickup days in August, students may substitute a course that has seats available in it for a course in their schedule. The course that is being substituted must meet during the same period and must maintain the student's progress toward graduation. Courses dropped during this course substitution period will not appear on the transcript.

ADDING A COURSE

Students may add a course to their schedules to replace a dropped course or a study hall through the first five days of the school year, provided there are seats available in the course, it meets during the same period and is in compliance with state rules. Students are responsible to acquire and complete all work missed prior to adding the course. Contact the Counselor if you are having difficulty in adding a course.

DROPPING A COURSE

Students enrolled in more than 6 credit-producing courses may withdraw from a course without penalty through the fifth day of the semester. Students who have failed a prerequisite and must make a schedule change, will work with the Guidance Counselor to complete the schedule.

A course dropped after the fifth day of the semester will be indicated by a “WF” (withdraw/failure) on the transcript and the failing grade will be calculated into the student’s grade point average (GPA). The approval of the counselor and a parent / guardian is necessary in order to drop a course.

CHANGING LEVELS

We expect students to have made careful and informed choices during course selection because they have been involved in and supported during the process. However, if a student has made every effort to seek academic support and the course still eclipses the student’s ability, a level change may be considered the student and his/her teacher, parent and the counselor will confer regarding the change. Changes will not be made to accommodate personal preferences and/or if seats are not available. Students must remain in class until the level change is approved and scheduled by the counselor

Additional Credit Options

COLLEGE CREDIT PLUS

Hillsdale High School has partnered with North Central State College to provide courses (noted as CC+) to be taken for both high school and college credit. A student will be enrolled through NCSC and receive qualifying testing to enter the course(s) selected. Hillsdale faculty are CC Plus adjunct instructors. Students will earn both high school and college credit for course work.

INTERNSHIP CREDIT FLEXIBILITY ORC 3301-35.01 (c)

Designed for students that are interested in exploring a business or service industry related field. Requirement: submit a proposal to the internship screening committee, consisting of the Curriculum Director, Counselor and Principal, to propose a year-long course of study. The student will be required to answer the essential questions of the work proposed and support the proposal with State Content Standards; expected to report weekly progress from the cooperating organization’s contact; and give a summary 30-45 minute project presentation to a school/business/community audience.

CAREER CENTER PROGRAMS & REQUIREMENTS

To enroll at the Career Center, students must have earned eight (8) credits in their freshman and sophomore year, (2 units of credit each in English and math, 2 units in science and one (1) social studies, 1/2 unit each in health and physical education, and an elective). Other students are to be considered if they are 16 years of age by January 1st following enrollment year, your counselor recommends, and approved by the principal of the two schools even though they have not completed the eight (8) credits.

Students who attend may be members of any HHS clubs or athletic teams, they are brought back for all special programs, all of their school records are kept at HHS and HHS grants the diploma to all of its students who attend the Ashland County-West Holmes Career Center.

ASHLAND COUNTY-WEST HOLMES CAREER CENTER

Two year programs are available at the Ashland County-West Holmes Career Center located on Route 60, south of Ashland, an extension of Hillsdale High School houses vocational programs. The purpose of the vocational school is to prepare students for useful employment in one of the following areas:

1. Auto Body Technology
2. Automotive Technology**
3. Bioscience**
4. Business Admin. Technology**
5. Construction Technologies**
6. Cosmetology
7. Criminal Justice **
8. Culinary Careers Management
9. Early Childhood Education
10. Graphic Communications
11. Health Technologies Cluster**
12. Interactive Media**
13. Networking & Electronics**
14. Power Equipment Technology
15. Resource Conservation
16. Sport Science Academy**

** Tech Prep - Students are required to have taken Algebra in the 9th or 10th grade

SUMMER SCHOOL

Hillsdale Local Schools refer those students who have encountered a credit deficiency to summer school programs through the Career Center and Tri County ESC. Contact the Guidance Counselor should your circumstances warrant. Summer school course completion does not substitute for any HHS course requirement, NOR does summer school course work apply toward a student's athletic eligibility, in accordance with the Ohio High School Athletic Association bylaws.

NCAA

To participate in athletic competition at a Division I or Division II school, students must meet the NCAA initial eligibility requirements. Please see the website at: www.NCAAClearinghouse.net for details about eligibility requirements and a complete list of approved core courses. You may also see your counselor for NCAA information.

OHSAA ATHLETIC ELIGIBILITY

In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of five one-credit courses or the equivalent, which count toward graduation.

The eligibility or ineligibility of a student will be determined on the date grade cards are printed following the conclusion of the preceding grading period, at which time the grades from the immediately preceding grading period become effective. EXCEPTION: Eligibility or ineligibility for the first grading period commences with the start of the fall sports season.

A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of those subjects carried the preceding grading period in which the student was enrolled.

Grading

The goals of education are accomplished by the pursuit of knowledge and understanding rather than the pursuit of grades.

Hillsdale High School uses the letter grading system to represent the different levels of achievement recognized in each course. Pluses and minuses are used and reflect the range within each grade that the student has earned

at the conclusion of each marking period:

- A: This grade indicates clear and convincing evidence of deep knowledge and detailed understanding of the concepts and skills learned in the course.**
- B: This grade indicates evidence of substantial knowledge and consistent understanding of the concepts and skills learned in the course.**
- C: This grade indicates evidence of basic knowledge and understanding of the concepts and skills learned in the course.**
- D: This grade indicates evidence of limited knowledge and understanding of the concepts and skills learned in the course.**
- F: This grade indicates that the student has not met minimum requirements and will receive no credit. Evidence of knowledge is incomplete or has so many misconceptions the student cannot be said to understand the concepts learned in the course.**
- P: This grade indicates a non-graded passing mark toward earning academic credit for coursework.**
- I: This grade indicates incomplete work and no credit. *Incomplete grades are changed to F if the student has not completed all work in two weeks.***
- W: Withdraw, no penalty.**
- WF: A student will receive no credit for the course. This grade indicates the student has been withdrawn in the course after two weeks. The grade of failure is used to calculate the students' grade point average.**

FEES AND MATERIALS

Fees will be assessed in lab or academic classes where supplies are consumed. These fees will be determined by the amount of board-purchased materials used in the class. Students who enroll in certain courses will be expected to pay a fee to take those courses. Students will also be expected to purchase workbooks, lab manuals, materials, etc., that the school feels is necessary for the teaching of a particular course.

STUDENT COURSE LOAD

A minimum course load of five and one-quarter units of credit each year will meet graduation requirements. Students should take additional courses based on their needs, time, and interests. It is recommended that students and their parents consider the demands of the course description, students' abilities, outside interests, and extra-curricular programs when considering additional courses. The average freshman schedule is usually 5-1/4 to 5-3/4 credits. All students must be enrolled in a minimum of six (6) periods each semester.

GRADE PLACEMENT STANDARDS/STATUS

Tenth Grade.....A student entering the sophomore class--first semester, 10th grade--must have earned a minimum of five (5) units in the 9th grade.

Eleventh Grade.....A student will be advanced to the junior class--first semester, 11th grade--when he/she has earned a minimum of ten (10) units.

Twelfth Grade.....A student will be advanced to the senior class--first semester, 12th grade--when he/she has earned a minimum of fifteen (15) units.

High School Standardized Testing

PARRC AND AIR ASSESSMENTS

The Partnership for Assessment of Readiness for College and Careers (PARRC) tests will assess ELA and Math.

These tests measure how well students are mastering content aligned with Ohio's State Standards. In addition, students will also take tests in Science and Social Studies for the purpose of measuring content mastery based upon Ohio's State Standards in the areas of Science and Social Studies.

NATIONAL ASSESSMENTS

PSAT/NMSQT

The PSAT/NMQST is designed to be a practice test for the SAT Test. While the test is designed for juniors, sophomores and freshmen may take the test. The test taken during the junior year is used in entering the National Merit Scholarship Corporation competition for scholarships and recognition. The PSAT is a voluntary test. Registration begins in September through the Guidance

Office. The test is given in October.

ACT

The ACT is a college admission test. In addition, ACT scoring data is used in order to qualify students for admission into the College Credit Plus coursework available at Hillsdale High School.

Hillsdale High School is a testing site for the ACT, which is administered six times during the school year calendar. Testing dates are available through the Guidance Office or by the website: www.ACTstudent.org.

The ACT measures the knowledge, understanding and skills that a student has acquired in the areas of English, mathematics, reading and science reasoning. The ACT also has an optional writing test that students may register to take. Students should check with colleges to determine if they require the writing portion of the test. It is recommended that the ACT be taken in the spring or summer of the student's junior year. These nationally administered ACT's are offered multiple times each year.

SAT

The SAT is a college admission testing program operated through The College Board: www.collegeboard.org. Consisting of two tests: SAT Reasoning Test—a four-hour test, primarily multiple choice, that measures verbal and mathematical reasoning abilities and writing skills and SAT Subject Tests—one hour tests measuring a students' knowledge in a particular subject. This test may be needed for students considering attending college outside of Ohio.

ADVANCED PLACEMENT PROGRAM

Advanced Placement Tests (AP), sponsored by the College Board and administered by Educational Testing Service, allow students to earn college credit for courses taken in high school. Approximately 55 percent of the nation's high schools offer some college level AP courses. HHS students participate in Advanced Placement programs and take the AP exams each spring. The College board offers AP tests in 30 different subject areas. Scores range from 1 to 5, with 1 being low and 5 being high. A score of 3, 4 or 5 on an AP test earns college credit.

The Advanced Placement Test will be offered in Calculus AB for students taking the course at HHS in 2015-2016.

Make Your Senior Year Count!

Seniors have worked hard for years, completing projects, and preparing for college admission. Some students tend to approach their senior year by limiting their focus to the college application process or in pursuing opportunities in the world of work, rather than pursuing additional opportunities for academic growth and achievement.



The lack of academic focus can jeopardize your chances for success in college/work. This can also affect grades—and college admissions and human resource directors pay close attention to your senior year performance.

SENIOR YEAR GRADES AND COLLEGE ADMISSIONS

Many students mistakenly believe that preparing for college ends after the eleventh grade. However, the senior year—the entire senior year—is actually of particular interest to colleges.

Applying

Many college applications (including the Common Application) require you to list your senior courses, including information about course levels and credit hours. It will be very obvious to the admissions officers if you have decided to “take the year off.”

Many colleges also include, as part of the application, a form called the mid-year grade report. Your counselor completes the form with the first semester grades and sends it to the colleges to which you have applied. It then becomes a critical part of the application folder.

Accepted

Many college acceptance letters include warnings to students such as, “Your admission is contingent upon your continued successful performance.” This means colleges reserve the right to deny you admission should your senior grades drop.

Not College Bound—Why IT IS Important For YOU!

Should you be pursuing opportunities in the job market or seeking admission into the Armed Services, your senior year is of equal value and importance to have a solid performance in your senior classes. Business human resources officers and military recruiters always check on students’ senior year course performance, attendance and involvement in school sponsored activities. Job applications typically seek input from schools on student performance, especially in a student’s senior year.

Make the Most of Your Senior Year

Senior year is the opportunity to strengthen your skills and broaden your experiences and to prepare for all of the challenges ahead. A successful senior year will help launch you on the path to a successful future.

Maintain a Challenging Course Load

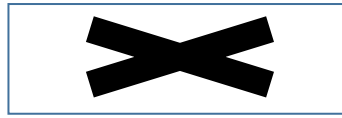
You should take the most rigorous courses available. As appropriate, consider College Credit Plus or AP courses, which can also earn you credit at all Ohio Public Colleges.

Stay Active and Involved

Your continued involvement in activities, sports, volunteer work, etc., will help you stay active and focused throughout your final year. A great internship or career-focused job opportunity can help motivate you to start considering career options. Meaningful and significant experiences will help prepare you to make informed decisions about your education and career goals.



Student and Parent/Guardian Responsibilities



GRADES THE STUDENT SHOULD...

- 9 & 10** Try taking a challenging course related to your goals.
- Become active in academic, extra-curricular, and/or community activities.
- Learn about school services that can help you with academic and personal problems.
- Learn about the types of colleges available.
- Talk with your parents, teachers, and school counselor about your interests and hopes.
- Learn about money. Start saving from part-time and summer jobs.
- Keep exploring career options.
- Talk with college students & people in the work-force.
- Write or call for college catalogs or brochures.
- Visit college campuses.
- Check to make sure the classes you are taking help you achieve your goals.

THE PARENT/GUARDIAN SHOULD...

- Continue your savings plan.
- Provide some guidelines on studying at home and/or encourage your child to take advantage of study help options at school.
- Attend parent meetings and/or meet your child's teachers and counselor.
- Encourage your child to attend college entrance exam prep classes and after school tutoring sessions.
- Visit colleges with your child.
- Look carefully through the high school course offerings to make sure your child is aware of all the classes available that might help achieve his /her goals.
- Verify course registration.

Student and Parent/Guardian Responsibilities

GRADE THE STUDENT SHOULD...

11

- Keep your grades up. Get help if you need it.
- Continue to take college prep-courses.
- Keep active in a school or community activity.
- Apply to take general college entrance exams.
- Investigate colleges regarding your interests, courses, support programs and financial aid.
- Start narrowing down the number of schools you are seriously considering. Visit them if possible.
- Continue to explore career interests and discuss them with your parents, teachers and school counselor.

THE PARENT/GUARDIAN SHOULD...

- Continue your savings plan.
- Visit colleges with your child and speak with financial aid and admissions officers.
- Attend parent activities sponsored by your child's school.
- Attend parent activities sponsored by local colleges.
- Encourage your child to attend college entrance exam preparation classes and after-school tutoring sessions.
- Help your child set up a job-shadowing experience through the high school.
- Help your child gather realistic career information about the areas he/she is interested in.
- Verify course registration.

GRADE

12

- Make a choice of 3-5 post-secondary options that meet your needs and interests.
- Visit your top school choices and talk with admissions, financial aid and placement officers.
- Apply to colleges on time.
- Complete FAFSA and apply for all financial aid and scholarship opportunities.
- Continue your savings plan.
- Continue to participate in school and community activities.
- Talk with your counselor & parents about your graduation plan and after graduation goals.
- Graduate!

- Continue your savings plan.
- Visit colleges with your child and obtain applications for admission and financial aid.
- Attend financial aid workshops sponsored by your high school or area colleges.
- Complete FAFSA and seek financial aid and scholarship assistance.
- Stay in touch with your child's teachers and counselor.
- Encourage your child to continue to take a strong academic schedule.
- Encourage your child to attend college entrance exam prep classes & after school tutoring sessions.
- Verify course registration.

Students, We've Got Answers to Your Frequently Asked Questions.

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

The Course Offering Book and Planning Guide can be used to support your academic decision making. Please use this publication when you consider your Four-Year Academic Plan and make course selections each year. You can also use this publication as a reference when you seek information about academic processes and procedures. A link to *The Course Offering Book* can be found on the high school website.

- **Many of the processes explained in the Course Offering Book and Planning Guide require me to complete a form. Where do I find the forms?**

You can request forms through the Guidance Office. Just ask your counselor or an office staff member for help.

- **I know that standardized testing is an important part of preparing for what I want to do after high school. How do I find out about standardized tests and where do I sign up for them?**

Come to the Guidance Office and your counselor will help you. ACT, SAT, PSAT booklets and student information are available in the Guidance Office. Your counselor can help you make decisions about these tests. Dates of standardized tests are also displayed on the Guidance Office bulletin board information is also provided on the counselor's page on the high school website.

The Course Offering Book and Planning Guide includes general explanations of the standardized tests that are available to you. Also, there are websites that provide a great deal of information as well as test-taking tips and practice test items. To learn more about the ACT, consult www.actstudent.org. You can find information about the SAT at www.collegeboard.com.

- **How do I get information about summer school?**

Questions about summer school should be directed to the Guidance Office.

- **Several forms have asked for my school code. What is my school code?**

Hillsdale High School's school code is: 362-740.

- **I see the FAFSA form mentioned a couple of times when I look at college planning materials. What is the FAFSA?**

The Federal Student Aid worksheet explains the form this way, "You must complete the Free Application for Federal Student Aid (FAFSA) to apply for federal student financial aid and to apply for most state and college aid." If you are a senior, it is best that you complete this requirement early, but not before January 1. The FAFSA process cannot be completed until you file your income tax returns, although you can begin the process before you have filed your income taxes. You can file online at www.fafsa.gov.

- **I am an athlete and hope to participate at the collegiate level in a Division I or Division II college/university. What are the NCAA requirements?**

It is essential that student-athletes use the NCAA website to monitor individual progress toward meeting the NCAA Clearinghouse requirements for eligibility. It is the student's responsibility to comply with core course and eligibility requirements in order to participate in Division I or Division II collegiate athletics. Visit the website at www.ncaaclearinghouse.net.

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

After the deadline date for changes to the Course Verification Form, the counselor does not make schedule changes. Material Pick-up Days prior to the opening of school will be your opportunity to make changes to your course selections, see page 4.

- **Remind me, what is a Course Verification Form?**

After registering for your classes in April, we will mail a list of the courses you have chosen. You and your parents MUST review this list carefully. The list represents the courses you have chosen and will be enrolled in the next school year. If you want to change any of the courses on the list, you must notify the Counselor before the deadline.

- **What should I do if I am struggling in any of my classes?**

Start by seeing your classroom teacher. It is your right and responsibility to initiate a conversation with your teacher to develop a plan to learn all necessary concepts and/or complete any outstanding assignments or projects. Open communication between student and teacher is essential when there is any lack of understanding of academic concepts. If you need help with contacting your teacher, your counselor can help facilitate that for you.

- **How do I arrange to see the counselor?**

Stop in the guidance office and make an appointment with the counselor. Should the counselor be unavailable, contact the HS Office Secretary requesting an appointment with the counselor.

COLLEGE CREDIT PLUS

(Replaces in law what was formerly known as Post-Secondary Educational Options and Dual Credit)

College Credit Plus allows current eligible high school students to earn college credit by taking a course offered at Hillsdale High School for both college and high school credit. HHS is working with North Central State College to offer students the opportunity to take college coursework at the high school building and online courses.

Important planning and careful consideration are essential to taking advantage of any College Credit Plus offerings. North Central State requires that students be enrolled as a student at NCSC through an application. In addition, a qualifying score is needed in order to participate in the College Credit Plus program. Tests used by NCSC include the ACT and COMPASS assessments. Hillsdale HS is an ACT testing site; COMPASS testing will be provided in the spring through NCSC at HHS for prospective CC+ students from Hillsdale.

708 LIVESTOCK SELECTION, NUTRITION & MANAGEMENT [AGRI 1010 OR AGRI 1050] CTE Subject Code: 010920

Full Year • 1 credit • Elective • Grade 11-12 • Fee AET Exam TBA • Prerequisite: 704 Mechanical Principles

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

135 HONORS ENGLISH IV [ENGL 1010 English Composition I and ENGL 1030 English Composition II]

Full Year • 1 credit • Elective • Grade 12 • Fee None • Prerequisite: English III

The accelerated senior English program is designed for first-year college students. First semester is a basic college level course in expository writing and critical reading. Students read a variety of nonfiction works and write summaries, analyses, and essays in response to their reading. Students learn to read actively and accurately and to organize, develop, and revise coherent papers appropriate for a college-educated audience. Second semester will focus on argument and research writing. Students read issue based works and write summaries, responses, and an argument and research paper. Students learn to organize research projects, find and evaluate sources, incorporate ideas and quotations from sources, document their sources in MLA and APA style, analyze and use argumentative strategies and persuasive appeals, and prepare and revise effective, coherent papers. Students will receive three college credit hours per semester or a total of six college credits from North Central State College for successful completion of this course. See the College Credit Plus Section for more information. Note: ENGL 1030 requires at least a C– in ENGL 1010.

220 COLLEGE ALGEBRA [MATH 1110]

Full Year • 1 credit • Elective • Grade 11-12 • 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, zeroes of polynomials, rational functions, partial fractions; 5) exponential and logarithmic functions including graphs and applications; 6) Gauss-Jordan elimination and Cramer's Rule. Qualification for the course would be a COMPASS Algebra score of 52 or higher or ACT Math score of 22 or higher required.

COLLEGE CREDIT PLUS

355 ANATOMY AND PHYSIOLOGY (College Credit Plus- 1st Sem: BIOL 1710/ 2nd Sem: BIOL 1730)

Full year • Elective • Grade 10-12 • Fee None • Pre-requisite: Biology

This year-long (2 semester) course aligned with College Credit Plus is intended for highly motivated students who have demonstrated a strong interest in Biology and Life Sciences. 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 of 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.

415 INTRODUCTION TO PSYCHOLOGY [PSYC 1010]

Semester • 1/2 credit • Elective • Grade 11-12 • Fee None • Prerequisite: None

This course will be taught as a college level course. Introduction to Psychology is an introductory level course and is a study of the basic human behavior. Topics include the history of psychology, scientific methods, biological processes, cognitive processes, sensation and perception, consciousness, learning, intelligence, human development, personality theory, psychopathology and treatment, stress and health, and social psychology. Students will receive three college credit hours from North Central State College for successful completion of this course. See College Credit Plus section for more information.

405 INTRODUCTION TO SOCIOLOGY [SOCY 1010]

Semester • 1/2 credit • Elective • Grade 11-12 • Fee None • Prerequisite: None

This course will be taught as a college level course. Introduction to Sociology is designed to introduce students to the theories, concepts and areas of inquiry that typically characterize sociological analyses. Specific areas to be covered include: the sociological perspective, culture, socialization and social interaction, social structure, social groups, deviance, social class, race and ethnicity, social institutions, and more. Emphasis is placed on a process of value clarification whereby the student can better understand his or her relationship to this society and the specific types of organizations that comprise it. Students will receive three college credit hours from North Central State College for successful completion of this course. See the College Credit Plus section for more information.

AGRI-SCIENCE DEPARTMENT

Environmental & Agricultural Systems

702 AGRICULTURE, FOOD AND NATURAL RESOURCES

CTE Subject Code: 010105

Full Year • 1¼ credit • Elective • Grade 9-12 • Fee \$12.00

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

704 MECHANICAL PRINCIPLES

CTE Subject Code: 010120

Full Year • 1¼ credit • Elective • Grade 10-12 • Fee \$12.00 • Prerequisites: Agriculture, Food and Natural Resources

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

708 LIVESTOCK SELECTION, NUTRITION AND MANAGEMENT Found on Pg. 12 under College Credit Plus

ART DEPARTMENT

810 ART I

Full Year • 1 credit • Elective • Grade 9 -12 • Fee \$30.00 • Prerequisite: none

This is a basic introductory art course that will teach students to draw or improve their existing drawing abilities. All media will be handled at an introductory level and students will stress the basic principles of art design. Students will experience several art media such as lettering, perspective, color theory and art history. Additional personal supply materials, such as art box, drawing pencils, erasers, 18" ruler and rubber cement required.

812 ART II

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$30.00 • Prerequisite: Art I

The elements and principles of design will be explored in a variety of art media. The students will experience drawing, painting, graphic arts, and art appreciation. A portfolio kept by each student containing the body of work from the year will be required.

814 ART III

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$30.00 • Prerequisite: Art I & II

This course will allow students to work on larger artworks and explore media previously introduced. Students will experience several art media such as, pottery/ceramics, sculpture, drawing, painting, graphic arts, art appreciation and art history. Portfolio development will continue and be required. Students will have the opportunity to organize, research and implement a project of their own design and "peer teach" this project to the Art II students.

816 ART IV

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$30.00 • Prerequisite: Art I, II, & III

This course is highly recommended for art school or college bound seniors. Exploration is more intense for the senior art student.

Students will be guided in the study of several art media such as painting, sculpture, graphic arts, pottery/ceramics, photography and drawing with an emphasis on individual student interests. Portfolio development will continue. Students will experience art history and art appreciation. Students will have the opportunity to organize, research, and implement a project of their own design and "peer teach" this project to the Art II students.

ENGLISH DEPARTMENT

Four Credits Required for Graduation

100 ENGLISH I

Full Year • 1 credit • Required • Grade 9 • Fee \$20.00

Freshman English, aligned with Common Core State Standards, provides the foundation for the high school English curriculum and requires practice and refinement of previously acquired skills in reading/literature, grammar/composition, study/reference, speech/listening, vocabulary and critical thinking, as well as learning and developing new abilities and concepts in each of these language arts areas.

105 HONORS ENGLISH I

Full Year • 1 credit • Required • Grade 9 • Fee \$20.00

Honors freshman English, aligned with Common Core State Standards, is a college bound course recommended for students with high ability in reading and writing and a proficiency in grammar as well as having self-discipline, motivation and a strong work ethic. It is similar in content to the English I course, but more in-depth, challenging and faster-paced. Students who enroll in this course should expect daily homework assignments.

110 ENGLISH II

Full Year • 1 credit • Required • Grade 10 • Fee \$23.00 • Prerequisite: English I

Overview: The goals for this term include: identifying common themes and archetypes among stories; inferring cultural characteristics from literature; understanding some basic literary tenets, developing the tools to read and appreciate extended narratives, nonfiction, expository pieces, some poetry; interpreting symbolism; sharpening reading and writing skills. The course is aligned to Common Core State Standards.

Themes: Include: the hero's journey, man's connection to the natural world, morality, the ultimate nature of mankind, the roles of men and women in relationships and society, American social history.

Assignments: Writing assignments are both critical and creative. Students should expect projects, which may include literary essays, creative writing, presentations and research. The assignments are intended to develop a connection between the literary works studied, the student, and the world, and to help students become more effective and engaging writers. Reading assignments are intended to improve the student's level of comprehension, application of themes and mastery of literary development. Readings: on grade level or above.

Format: The class is largely discussion-based and student driven. Students enrolling in the course should expect to complete multiple reading assignments to participate in class discussion on a daily basis.

115 HONORS ENGLISH II

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

This course is designed to facilitate advanced thinking for students who need a challenge above the regular curriculum. Through the use of novels and supplementary texts, students will be expected to independently read and prepare for class each day. The rigor of this course will be challenging and is suggested for students who are able to complete work outside of class. The course is aligned to Common Core State Standards and will also teach writing and grammar skills.

120 ENGLISH III

Full Year • 1 credit • Required • Grade 11 • Fee \$23.00 • Prerequisite: English II

Overview: In this course, students will study a variety of work by American authors in terms of literary, political and cultural perspectives, as well as select international authors in terms of worldly perspectives. Non-fiction/informational texts are also examined. Students will be asked to think critically and demonstrate their thinking through writing, analyzing literature and discussion. Additional emphasis is placed upon oral communication and an exploration of a variety of literary genres. A research paper may be required.

Expectations: Writing assignments are both critical and creative. Students should expect projects, which may include literary essays, creative writing, presentations and research. The assignments are intended to develop a connection between the literary works studied, the student, and the world, and to help students become more effective and engaging writers. Reading assignments are intended to improve the student's level of comprehension, application of themes and mastery of literary development. Readings are on grade level.

Format: The class is largely discussion-based and student-driven. Students enrolling in the course should expect to complete multiple reading assignments to participate in class discussion on a daily basis. Units of study are aligned with the Common Core State Standards, and students should expect to take Performance-Based Assessments (PBA), and End-of-Course (EOC) exams at intervals during the year.

125 HONORS ENGLISH III

Full Year • 1 credit • Required • Grade 11 • Fee \$23.00 • Prerequisite: English II (Honors Level preferred)

Overview: Honors English III focuses on the advanced study of traditional and contemporary American Literature, select international literature, and non-fiction/informational reading materials. This course also provides additional depth of study in the development of advanced writing, analysis and literary criticism skills beyond that required within the ELA III curriculum. Students will also develop advanced speaking, listening and vocabulary skills.

The Honors English course fosters intellectual curiosity by encouraging students to generate thought-provoking questions and topics and to research diverse sources. This course will require students to work as self-directed and reflective learners, both independently and in groups as leaders and collaborators. Higher level thinking skills will be emphasized through interdisciplinary and critical perspectives as reflected in the quality of student performance in oral language, written language and other media/technology.

Expectations: Writing assignments are both critical and creative. Students should expect projects, which may include literary essays, creative writing, presentations and research. The assignments are intended to develop a connection between literary works studied, the student, and the world, and to help students become more effective and engaging writers. Reading assignments are intended to improve the student's level of comprehension, application of themes and mastery of literary development. Readings are on grade level and above.

Format: The class is largely discussion-based and student-driven. Students enrolling in the course should expect to complete multiple reading assignments to participate in class discussion on a daily basis. Units of study are aligned with Common Core State Standards and students should expect to take Performance-Based Assessments (PBA), and End-of-Course (EOC) exams at intervals during the year.

130 ENGLISH IV

Full Year • 1 credit • Required • Grade 12 • Fee \$23.00 • Prerequisite: English III

Overview: This course explores the beginnings of English literature. In a journey that starts in the Dark Ages where heroic warriors battle against monsters and other unknowns, we will meet Beowulf and read the oldest known piece of English literature. Moving forward, we will look at how morality and cultural ideals change as the language evolves from Olde English to Middle English to Shakespeare's Early Modern English, through the 17th and 18th centuries, the Romantic, Victorian and Modern periods. Through writing, students learn to recognize the assumptions underlying various rhetorical strategies; through speaking, listening, writing and reading, they become more aware of the resources of language: connotation, metaphor, irony, syntax and tone. Writing assignments focus on the critical analysis of literature and include essays in exposition and argument. Although much of the writing in the course will be about literature, speaking and writing about different kinds of subjects should further develop the students' sense of how style, subject and audience are related. The desired goals are the honest and effective use of language and the organization of ideas in a clear, coherent and persuasive manner. The course is aligned to Common Core State Standards.

Themes: Include: the hero's journey, man vs. nature, morality, the individual vs. society, moral choices in the face of evil, love and marriage, parents and children, the quest for utopia, the artistic imagination, the writer as social critic, Romanticism vs. Realism, male and female roles.

Assignments: Writing assignments are both critical and creative. Students should expect assignments, including a project(s), ranging from research, literary essays, creative writing, to presentations. The assignments are intended to develop a connection between the literary work, the student, and the world, and to help students become more effective and engaging writers, and more discerning and critical readers, especially of increasingly complex texts. Students will also draft and receive feedback on their college essays.

Format: The class is largely discussion-based and student driven. Students enrolling in the course should expect to complete multiple reading assignments and to participate in class discussion on a daily basis.

Senior English is a literature-oriented class. The students study English literature, review reading skills, develop job-related skills, attend a live Shakespearean production (when possible), and refine analysis skills to review theater, art, movies, and books intelligently. Mastery of paragraph development and expository writing is expected of the entering student. (At least three hours of homework is required each week.) An introduction to research will be made with a short project to follow up on it in the second semester.

135 HONORS ENGLISH IV Found on Pg. 12 under College Credit Plus

139 SPEECH I (ENGLISH COMMUNICATION)

Semester • ½ credit • Elective • Grade 11-12 • Fee \$5.00

This course is highly recommended by colleges and business leaders as a tool for success. A speech course assists students at all levels of ability and experience to identify, improve and develop sound basic speaking skills. Speech I content focuses on interpersonal communications; verbal, vocal, and non-verbal skills; and basic platform speaking, both impromptu and extemporaneous. This course **does not count** as one of the four English graduation requirements.

140 SPEECH II (ENGLISH COMMUNICATION)

Semester • ½ credit • Elective • Grade 11-12 • Fee \$5.00

Speech II content builds on the skills of Speech I, adding experiences with advanced public speaking, debate, oral interpretation, broadcasting media, and drama. This course **does not count** as one of the four English graduation requirements.

FOREIGN LANGUAGE DEPARTMENT

612 SPANISH I

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$5.00

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 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 know 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 and survival, as well as awareness of some of the cultural perspectives associated with the Spanish language.

614 SPANISH II

Full Year • 1 credit • Elective • Grade 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 projects 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 • Grade 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, music, and geography of more Spanish-speaking countries and people. In this course, students complete a major research projects 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 compliment to any major or field of work. There will be potential opportunities to share conversations with other Spanish classrooms and Spanish speakers.

FRENCH I This is an online course. Contact the Guidance Counselor for details

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$5.00

In French I, students begin to develop competence in four basic skill areas: listening, speaking, reading, and writing. While developing communicative competence in French, students gain and expand their knowledge of francophone countries and cultures.

Emphasis is placed on learning the present tense, the near future and the past tense in French I through thematically designed units. Topics include home, school, family, holidays, and daily and leisure activities.

Students develop the ability to: greet and respond to greetings, introduce and respond to introductions, engage in conversations on several themes, express likes and dislikes, make requests, obtain information, understand some ideas and familiar details and begin to provide information. By the end of French I, students will: communicate minimally by using short sentences, learned words and phrases, and simple questions and commands when speaking and writing; understand some ideas and familiar details presented in clear, uncomplicated speech when listening; and understand short texts enhanced by visual clues when reading.

MATHEMATICS DEPARTMENT

Four Credits Required for Graduation

203 PRE-ALGEBRA

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

Pre-Algebra is for students who plan to go on to Algebra I, but feel they need a little more preparation. Many of the topics covered in Algebra I are covered in this course but the pace is less demanding. The next course after Pre-Algebra would be Algebra I. Your math teacher and guidance counselor will help you with this decision.

206 ALGEBRA I

Full Year • 1 credit • Required • Grade 9-12 • Fee none • Prerequisite: Recommendation of the eighth grade math teacher or Pre-Algebra teacher

Algebra I is the first course in our college preparatory math sequence. It will cover the ninth grade 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 every day. The next course is Geometry. Your math teacher and guidance counselor will help you with this decision. This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in Algebra I required by the state of Ohio.

210 GEOMETRY

Full Year • 1 credit • Required • Grade 9-12 • Fee none • Prerequisite: Algebra I

Geometry is the second course in our college preparatory math sequence. It will cover the tenth grade indicators of the Ohio Standards for Mathematics. Topics will include numbers and operations, measurement, geometry, algebra, and statistics with emphasis on the geometry and spatial sense topics. Expect homework every day. The next course is Algebra II. Your math teacher and guidance counselor will help you with this decision. This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in Geometry required by the state of Ohio.

208 ALGEBRA II

Full Year • 1 credit • Required • Grade 10-12 • Fee none • Prerequisite: Algebra I and Geometry

Algebra II is the third course in our college preparatory math sequence. Topics covered in this course include: Equations & Inequalities, Functions, Matrices, Polynomials, Conic Sections, Exponentiation & Logarithms, Arithmetic & Geometric Sequences and Trigonometry.

212 PRECALCULUS

Full Year • 1 credit • Elective • Grade 11-12 • Fee none • Prerequisite: Algebra I, Geometry, Algebra II (received grades of at least "C")

Precalculus is designed for the student who is proficient in mathematics and who is willing to spend the time required by an advanced course. This course contains topics such as trigonometric functions, sequences and series, polar coordinates, and proofs by mathematical induction. Depending on the effort put forth by the student, this course should give the student a good foundation for a calculus course on the college level. Expect at least one hour of homework each day.

214 AP CALCULUS

Full Year • 1 credit • Elective • Grade 12 • Fee none • Prerequisite: Precalculus (received grade of at least "C" and recommendation of the Precalculus teacher)

This course includes the study of limits, derivatives of a function, rates and differentials, indefinite and definite integrals, and maximum and minimum. Calculus is a very demanding course and the students should be sure to allow plenty of time in their daily schedule to meet those demands. A standardized test (The AP Calculus Test) can be taken at the end of the course in order to try to obtain college credit. (The exam will cost between \$40-\$50). This fee is reduced from the \$89 standard fee in part from Hillsdale student activities fund.

Note: A student passing a course cannot take a lower course in the sequence. For example, you cannot pass Algebra I and then take Pre-Algebra.

MUSIC DEPARTMENT

850 BAND

Full Year • 1 credit • Elective • Grade 9-12 • Fee: Provided by the Director

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 • Grade 9-12 • Fee: 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 of the individual 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.

SCIENCE DEPARTMENT

Three Credits Required for Graduation

Three credits are required for graduation. Students must select at least one credit of physical science and at least one credit of biological science.

PHYSICAL SCIENCES

310 UNIFIED PHYSICAL SCIENCE

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

Unified Physical Science will provide both physical, earth, and space science experiences that students will need to prepare for the Ohio Graduation Test. The course will cover the academic content standards students must master in order to pass state tests. Some of the concepts and skills they will develop include:

Applying the concepts of structure and properties of atoms and molecules and the principals of conservation of matter to explain identifiable physical properties of matter, materials, and objects, physical and chemical changes and the formation and patterns of substance.

Summarizing how the concepts and principles of transfer and conservation of energy; motion and forces affecting motion; and the nature of waves and interactions of matter and energy describe and predict physical interactions and events in the natural world.

Evaluate human activities that can conserve the earth's finite resources.

Use energy, matter, motion, and force concepts to explain patterns in the earth's system in history, and the composition and scale of the solar system.

This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in Physical Science required by the state of Ohio.

BIOLOGICAL SCIENCE

320 BIOLOGY

Full Year • 1 credit • Required • Grade 9 with permission only; 10-12 • Fee \$20.00 • Prerequisite: Algebra I (concurrently) and one full credit of a physical science

This course is a broad survey of basic biological principles designed to help students develop a better understanding of the living world around them and to prepare students for the life science portion of state assessments. 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 science in general and reinforces the basic processes of scientific inquiry, graphing, and measurement. Class includes significant laboratory experiences. There may be a possibility for Freshman to take biology during their 9th grade year; this option will be looked at on an individual case by case option. This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in Biology required by the state of Ohio.

ELECTIVE SCIENCE

333 CHEMISTRY

Full Year • 1 credit • Elective • Grade 10-12 • Fee \$20.00 • Prerequisite: Algebra I, Geometry (concurrently) and one credit of both biological science and physical science

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.

Some important skills you will develop include titration, graphing and measurement, identification of research questions, making connections, and the ability to be a self-directed learner.

Course content:

Mathematics and measurement in science	Solutions
Properties of matter and gases	Kinetics, equilibrium, and thermodynamics
Formulas and equations	Salts, acids, and bases
Microscopic nature of matter	REDOX reactions and electrochemistry
Atomic structure and chemical bonding	Nuclear chemistry

340 PHYSICS

Full Year • 1 credit • Elective • Grade 11-12 • Fee \$20.00 • Prerequisite: Algebra I and II (concurrently), Chemistry (concurrently) and permission of instructor

Physics is an inquiry-based course designed to familiarize you with the science processes, skills, and understandings related to a wide range of topics in physics. During this course, you will learn to identify the basic questions and concepts that guide scientific investigation and to design and conduct your own investigations. Students engage in investigations to understand and explain motion, forces, energy, waves, and electricity and magnetism in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.

355 ANATOMY & PHYSIOLOGY Found on Pg. 13 under College Credit Plus

365 ZOOLOGY

Full year • 1 credit • Elective • Grade 10-12 • Fee \$30 • Prerequisite: Biology or Chemistry (concurrently) and permission of instructor

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 dissections to examine physical differences across the major phyla.

Zoology is an elective course taken in a student's sophomore, junior, or senior year; zoology must be taken concurrently with Biology or Chemistry or have both as a senior-level prerequisite. Lab fee: \$30

This course alternates when it is offered every other year with forensic science; Zoology will not be offered again until 2017-2018 school year.

SOCIAL STUDIES DEPARTMENT

Three credits required for Graduation

400 MODERN WORLD HISTORY

Full Year • 1 credit • Required • Grade 9

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 \$17.00 • Prerequisite: None

This course examines the history of the United States of America from 1877 to the present after a brief review of major events to 1877. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. Students practice historical thinking by analyzing primary and secondary sources from multiple perspectives to draw conclusions. This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in American History required by the state of Ohio.

406 FINANCIAL LITERACY AND AMERICAN GOVERNMENT

Full Year • 1 credit • Required • Grade 12

How the American people govern themselves at national, state and local levels of government is the basis for first part of this course. The second part of this course explores the fundamental that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. This course will prepare students to take the Performance Based Assessment and End-of-Course Exam in American Government required by the state of Ohio.

SOCIAL STUDIES ELECTIVES

405 SOCIOLOGY Found on Pg. 13 under College Credit Plus

415 PSYCHOLOGY Found on Pg. 13 under College Credit Plus

430 WORLD WAR II

Semester • 1/2 credit • Elective • Grade 10-12 • Fee \$13.00 • Prerequisite: None

World War II is the greatest of twentieth century conflicts. In this class we will study the causes, the course, and the implications World War II. The course will survey most of the geographic areas involved, the major diplomatic, political and military events, and some of the key figures of the war. It covers the time period of 1918 to the present, with an emphasis of course on the years 1939-1945.

435 THE VIETNAM WAR

Semester • 1/2 credit • Elective • Grade 10-12 • Fee \$13.00 • Prerequisite: None

This course is a study of the United States' participation in the Vietnam War. The course covers the origins, events, and consequences of the war from 1945 to 1975. Special emphasis will be given to the causes of American involvement in the war and the reasons for the failure of American policy in Vietnam.

GENERAL/INTERDISCIPLINARY

160 YEARBOOK

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

Students will be responsible for the development and production of the school yearbook. This course is designed to help you create the ECHO, school yearbook, and along the way, you'll learn some journalism and photography techniques, as well as explore other ways to preserve school memories. This class requires an application and interview/sample project process, as class size is limited. Students in this course will be expected to perform work outside of class, as needed, to complete the book. Time management skills are critical, as there are deadlines to meet, but there is also a fair amount of "flex time", so using time in a constructive manner, is also important.

514 COMPUTER APPLICATIONS I – Computer/Multimedia Literacy – Technology Productivity and Communication Tools

Semester • ½ credit • Elective • Grade 9-12 • Fee \$10.00 • Prerequisite: none

In today's high-tech world, digital literacy is a requirement. Regardless of your career or educational goals, computers and technology will most likely play an important role in your future. To make sure you are prepared for success, complete this course! In this class you will focus upon basic keyboarding skills, as well as learn the key applications in the Microsoft Office 2013 Suite. This class expands upon what was learned from the Easy Tech program from Learning.com (grades K-8), and will involve more "application" of the Office programs. Students will focus on word processing from a business perspective preparing memos, letters and research papers; look at spreadsheets with an emphasis on finance and accounting; plan presentations with graphs and charts on a variety of work related fields. There is a small segment of checkbook registers, filing tax forms and career development. Students will participate in class discussions/lectures and complete graphic organizers along with a variety of application activities. Students may also make use of some online video course content, and the class assignments will be accessible through Moodle (learning management system).

520 COMPUTER APPLICATIONS II – Computer/Multimedia Literacy – Technology Productivity/Communication Tools

Semester • ½ credit • Elective • Grade 9-12 • Fee \$10.00 • Prerequisite: Computer Applications I

Every job and career, every field of study, and even our social and personal lives are increasingly impacted by technology. For both the student and the job-seeker, having basic technology and information literacy skills provides the foundation for success. In this course, you will learn basic coding techniques in the languages of blockly, java, ruby, python, and more. You'll work with computer animation and gaming, and also become familiar with the Lego Mindstorms kits as you create your own robotic cars to navigate courses. Finally, you'll be exposed to the world of computer animation, creating your own clay characters, writing a script, and developing a short video! You'll work with several computer software platforms, create a final video in moviemaker, and enjoy developing your critical thinking skills. Most of the content from this course is available free online. Many of the projects in this class are done with a partner, so you'll need to be a collaborative worker, and one who is not easily discouraged, as writing computer algorithms is difficult work! Try the hour of code at code.og and see if you like it-that will give you an idea of what this class is all about!

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

The scheduling of required Health and Physical Education courses is to take precedence over any and all elective courses in the freshman and sophomore years (1-99). One-half credit of Health and two one-quarter credits of Physical Education are required for graduation.

010 HEALTH EDUCATION I

Semester · ½ credit · Required · Grade 9-12 · Fee \$12.00 · Prerequisite: none

The Health course requirement in the Hillsdale curriculum is recommended for students in the freshman or sophomore year. The Health education program allows each individual to focus on the development of the mental, physical, emotional, and social aspects of a person from childhood to adulthood. Each student is taught how to self-evaluate and to relate themselves and their developing values to those of the society in which they live. Units of study cover those aspects that can or will have effects upon their developing sound attitudes and values for themselves as well as the society in which they live.

001 PHYSICAL EDUCATION I

Semester · ¼ credit · Required · Grade 9-12 · Fee \$17.00 · Prerequisite: none

A course of planned activities designed to give the student an opportunity to develop a wholesome attitude towards physical activities and their contribution towards living a meaningful life. Individual and group activities are offered with emphasis on fitness, (circuit training), sportsmanship, and the development of knowledge in these areas.

002 PHYSICAL EDUCATION II

Semester · ¼ credit · Required · Grade 9-12 · Fee \$17.00 · Prerequisite: none

Physical Education provides various individual and group activities designed to promote physical fitness. Games and sport skills are taught for recreational purposes. Specified units are given on rhythmic activities with opportunity for choreography and participation. In addition to sport skills, students are introduced to weight lifting and sports appreciation sessions where they learn rules, techniques, and fundamentals of new or unfamiliar sports and games.

003 EXERCISE SCIENCE I

Full year · 1 credit · Required · Grade 9-12 · Fee \$15.00 · Prerequisite: none

Exercise Science level I will encompass the structural and functional basis for human movement. Students will be expected to perform strength training, plyometrics, flexibility exercise assessment, sport specific training and cardiovascular workout sessions. Scientific theories behind the body's response to exercise including metabolism, target heart rate, and human movement forms will be integrated into the course as well. Students must possess a strong work ethic and interest in exercise fields of study to be successful.

HILLSDALE HIGH SCHOOL 2015-2016 SCHOOL FEE SCHEDULE

<u>Agricultural Courses</u>	\$12.00 - Lab Fee/Project Book
<u>Art</u>	\$30.00 - Art I Lab Fee \$30.00 - Art II, Lab Fee (doesn't incl. Acrylic Paint Set to be provided by students in Art III & IV) \$30.00 - Art III, IV
<u>Computer Applications I</u>	\$ 10.00 - Class Fee
<u>Computer Applications II</u>	\$ 10.00 - Class Fee
<u>English I</u>	\$ 20.00 – Workbook, Play, Novel
<u>Honors English I</u>	\$ 20.00
<u>English II</u>	\$ 23.00 – Play, Novels
<u>Honors English II</u>	\$ 25.00
<u>English III</u>	\$ 23.00
<u>Honors English III</u>	\$ 23.00
<u>English IV</u>	\$ 23.00
<u>Speech I</u>	\$5.00
<u>Speech II</u>	\$5.00
<u>Spanish I, II, III</u>	\$ 5.00 Lab Fee
<u>Physical Education</u>	\$17.00/Semester Class Fee
<u>Exercise Science</u>	\$15.00
<u>Health</u>	\$12.00 Class fee
<u>Unified Physical Science</u>	\$20.00
<u>Biology</u>	\$20.00
<u>Chemistry</u>	\$20.00
<u>Physics</u>	\$20.00
<u>Zoology</u>	\$30.00
<u>American History</u>	\$17.00
<u>WW II</u>	\$13.00
<u>The Vietnam War</u>	\$13.00
<u>Misc. Fees not included on schedule</u>	
<u>Band</u>	TBD
<u>Class Dues</u>	Voted on by students and paid to class treasurer
<u>PSAT Test</u>	\$12.00 (estimated)
<u>AP Tests</u>	\$80.00 (estimated)

Online Course Descriptions 2015-2016

Hillsdale High School is pleased to be able to offer students a wide selection of online course opportunities. Each of these courses is a full high school course, but it is offered online instead of in a regular classroom. Assignments may be completed on computers at school during an assigned period and/or worked on at home if you have internet access and an appropriate electronic device.

Although these courses are offered online, they are still classes and should be treated as such. Students are expected to make regular progress in the course (i.e. complete one lesson per week). You should remember that grades will be assigned as earned; courses will count toward graduation, and will affect honor roll, class rank, athletic eligibility, and so on. Grades will appear on grade cards each quarter for these courses.

Art

Art History: Ancient to Gothic

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

The course begins with a general discussion of art and the place of art in the development of human civilization. It introduces man's earliest reflective art form - cave paintings – and moves forward in time to the art of early civilizations of the Middle East. The course then moves into an exploration of Roman and Greek art. Students then explore the art of India, China, and Japan. From there we jump across the Pacific Ocean to America to investigate the art of Early American civilizations and societies. Then we travel across the Atlantic Ocean to learn about African Art. The final leg of the journey takes us to the Middle East and Europe to explore Islamic art and Early Christian influenced art: Byzantine, Romanesque, and gothic. Students are inspired to create a few simple art projects based on the styles and movements they have studied. Web resources from the greatest museums in the world are accessed including the Guggenheim, the Met, and the Louvre.

Art History: Renaissance to Modern

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

Renaissance Art is a one-semester course that provides students with knowledge of, and appreciation for, the art and culture of the Early Renaissance and High Renaissance in Italy. Students learn about the lives and works of some of the finest Renaissance artists (Giotto, Donatello, Leonardo da Vinci, Michelangelo and many more) by using numerous multimedia websites from all over the world.

English

Creative Writing

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

Creative Writing is a friendly, student-centered course written for all skill levels. Students explore journal writing, poetry, fiction and nonfiction such as letter writing and technical writing to foster creative writing in a variety of forms.

Drama in Literature

Online Course

Semester • 1/2 credit • Elective • Grade 10-12 • Fee: None • Prerequisite: none

In this course, students look at some of the great periods of creativity in theater and read influential dramas from major literary periods. The course begins with a study of the Greek tragedy Antigone. Students move on to the Elizabethan Age and study Shakespeare's *The Tempest*. For the Victorian Era, students read Oscar Wilde's *The Importance of Being Earnest*. The course concludes with an examination of the existentialist dramas of the 20th century, including Jean-Paul Sartre's play, *No Exit*. In addition to reading plays, students study elements of stagecraft and production during each major dramatic period and read author biographies.

Honors Drama in Literature

Online Course

Semester • 1/2 credit • Elective • Grade 11-12 • Fee: None • Prerequisite: none

This course is a reading and writing-intensive version of our Drama in Literature course. Students read dramatic works

from various historical periods, including Classical Greece, the Renaissance, the Enlightenment, the Victorian Era and the 20th Century. Students study notable dramatists throughout the ages, from Sophocles to Sartre. Students also learn about various aspects of stagecraft, dramatic conventions and genres. For their final projects, students write and critique their own dramatic plays. *Students may take either Drama in Literature or Honors Drama in Literature, but they may not take both during their high school careers.*

Introduction to the Internet

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

This 18-week course gives students a basic understanding of how to navigate and search for information on the Web. After taking this course, the Internet will be a familiar resource tool for research and explorations.

Journal Writing

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

The reasons for keeping a journal are many. It can aid in self-reflection, clarify ideas, or simply serve as amusement. Journal Writing encourages the young writer through a variety of activities such as free writing; response to literature; prompts; graphical activities that allow the student to express him or herself via creation and finally, production of one's own book.

Media Literacy

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

This 18-lesson course teaches students how to critically evaluate the media that surround them every day as well as creating their own examples of media. The example-rich course covers the history of media, critical-thinking skills, the various channels media take in our world, as well as the influence media have on our lives and thinking. Students approach the material through both projects and more traditional assignments.

Shakespearean Literature

Online Course

Semester • 1/2 credit • Elective • Grade 10-12 • Fee: None • Prerequisite: none

This 18-week course examines William Shakespeare's sonnets and his play, Julius Caesar. Students also examine the controversy of authorship. Did William Shakespeare really write the plays, or was it the Earl of Oxford or Christopher Marlowe? Shakespearean Literature is designed to introduce students to the works of Shakespeare, as well as stimulate those who are familiar with his style of writing.

World Mythology

Online Course

Full Year • 1 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

In World Mythology, students will explore creation myths, trickster tales and hero journeys from all around the globe. Each lesson will examine a different myth in an integrated study of history, culture, literature and the arts. From ancient Egypt to the Aztec empire, the Chinese to the Celts, students will study how myths are used and interpret their meanings. They will build on fundamental reading comprehension and analytic skills as they journey through museum exhibitions, visit archaeological digs and listen to traditional storytellers.

Writing from Mythology

Online Course

Full Year • 1 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

This is a great course for students seeking a gentle introduction to analytical reading. The plots, characters and themes of myths are explored and students use their knowledge of the myths as a foundation for their own creative writing. Classical Greek mythology is the main focus of the course, giving students important foundational knowledge about these themes that are ever-present in literature and art. Students visit Mount Olympus and get to know all the gods and goddesses along with their personalities and adventures. There are many opportunities for creative expression.

Science

Earth Science

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

Students learn the critical importance of scientific developments in today's world through gaining basic knowledge of earth science. Topics include early Earth, geological history, fossils, minerals and rocks, plate tectonics, earthquakes, volcanoes, the Carbon and Nitrogen cycles, the atmosphere, the ozone layer, the greenhouse effect, weather, climate, air and ocean circulation patterns, the solar system, our galaxy, and beyond. Historical achievements in the field of earth science and consideration of potential future developments contribute to students' learning and personal development. Students have the opportunity to engage in independent research on subjects of students' interest. The course includes a wealth of informative and dynamic web sites.

Oceanography

Online Course

Semester • 1/2 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

Students study the ecology and diversity of the world's oceans, with particular attention paid to the complex interactions among all marine life, from the smallest microorganism to the largest sea mammal. Topics include: life in the sea, deep sea exploration, marine mammals, coastal ecosystems and the sea floor. Students periodically write research papers on individual areas of interest. Students also learn to use graphs, tables, maps, data and the Internet to enrich their study of this challenging and exciting course.

Social Studies

Honors American History

Online Course

Full Year • 1 credit • Elective • Grade 10-12 • Fee: None • Prerequisite: none

Honors American History offers a reading and writing-intensive version of our American History course. Students explore a variety of dynamic, informative websites to gain a comprehensive understanding of events from the American Revolution to modern times. The websites contain many excellent photographs, maps, speeches and cultural descriptions from different time periods. Particular emphasis is placed on traditionally underrepresented perspectives so students can form a comprehensive understanding of influential events in American history. *This course does **not** substitute for American History. Students may take this course for elective credit only.*

Honors Philosophy and Ethics

Online Course

Semester • 1/2 credit • Elective • Grade 11-12 • Fee: None • Prerequisite: none

Philosophy and Ethics is a comprehensive introduction of these subjects. The course examines the role of philosophy in our past as well as our present and future. Upon completion of the course, students can expect to better understand the basic history of the various schools of thought, appreciate various methods for understanding and challenging logical and analytical arguments, and personally explore their own philosophical orientation on many current topics.

World Geography (*World Cultures*)

Online Course

Full Year • 1 credit • Elective • Grade 9-12 • Fee: None • Prerequisite: none

Rich with primary source excerpts and cultural vignettes, this course provides a tour of the history, cultures and environments of the seven continents. The study of geography is further enhanced with access to maps, diagrams and related cultural information. This course presents geography in an enjoyable, exploratory format. It culminates in planning a trip around the world.

Honors World History

Online Course

Full Year • 1 credit • Elective • Grade 10-12 • Fee: None • Prerequisite: none

Honors World History offers a reading and writing-intensive version of the World History course. The course enables students to examine and interpret influential historical events. Weekly compositions, in response to the readings, employ creative writing, analysis, description, compare/contrast, poetry, short stories, imaginary writing, personal experiences, editorials and diary entries. Honors World History includes a wealth of dynamic, informative websites. *This course does **not** substitute for Modern World History. Students may take this course for elective credit only.*