

2017-2018

Hardin Northern

High School

Course Description Book



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HARDIN NORTHERN HIGH SCHOOL (GRADES 9-12)

COURSE SCHEDULING INFORMATION FOR THE 2017-2018 SCHOOL YEAR

The following information is provided to students to aid them in the selection of their courses as they progress through high school and prepare for further education and/or to enter the job market. Students are encouraged to talk with their parents, teachers, counselor, and principal as they make their course selections.

Just because a class is in the course description book does not mean it will be offered! A final decision on which courses will be offered and what period(s) they will meet will depend on student interest, teacher availability, and classroom space.

Students will request classes sometime in February or March. Schedules will be made according to interest of students. If there is not enough interest, the class will not be offered. We will attempt to get every class the student requests into his or her schedule, but it may not always be possible.

Hardin Northern's Policies Regarding Make Up Courses

Required courses that are failed must be repeated the next school year if not made up in summer school or through an approved tutored course taught by a teacher certified in the subject area being taken.

Any missed course credit in English must be made up in summer school. Students cannot take more than one core English course at Hardin Northern during a school year.

Determination of passing or failing a course is based on the final grade for the course. If the student receives a 65% D or better for their final grade, the course is considered passed. If the student receives an F for the final grade, the course is considered failed and is required to be made up. Final grade is determined by averaging the two semester grades together. (Example: 1st semester was a 66% and 2nd semester was a 64% averages to a passing grade of 65%) 1st Semester grades are figured by doubling the first nine weeks grade and adding the 2nd nine weeks grade doubled plus the semester exam (average of two quarterly assessments) and dividing by 5. The 2nd semester follows the same formula, but uses the 3rd and 4th nine weeks and the 2nd sem. exam (average of two quarterly assessments). Example: 66% for first nine weeks, plus 66% for first nine weeks, plus 77% for second nine weeks, plus 77% for second nine weeks, plus 88% for exam (87% first quarterly assessment and 89% for second) = 374 divided by 5 = 74.8% semester average.

If half the failed course was passed during the regular school year, the summer school course work must consist of at least 30 hours of instruction. If less than half the failed course was passed during the regular school year, the make-up course must consist of at least 120 hours of instruction. (Example: If a student passes one of the two semesters or any 2 of the 4 nine weeks, the summer school course would only need to be 30 hours of instruction. If the student did not pass one of the two semesters or 2 of the 4 nine weeks, the summer school course must be 120 hours of instruction). If re-taking the course at Hardin Northern the following school year, the student must take the entire course, regardless of the amount of the course passed or failed previously.

Only two credits of the 21 required for graduation can be from summer school and/or tutoring.

Schedule Changes- This will be enforced!

Students may change their schedules within 10 days after the previous school year has concluded. After this time, classes may only be changed if it is determined by concerned parties (such as the student's parents, teacher of the course, guidance counselor, and/or principal) that it is in the student's best interest for the course to be changed. **No schedules will be changed when the students pick up their schedules in August unless initiated by a teacher.** Schedule changes after the school year has started will **only** be made if the teacher is in agreement. **Bottom line, make all schedule changes within ten days of school letting out!!!**

*Students may not carry more than one study hall during a semester unless permission of the principal has been granted.

Grades for Dropped Courses

Students withdrawing after the second week of a course shall receive a WDF (Withdrawn Failing) on their permanent record unless: 1. The counselor recommends to the principal a withdrawal without penalty after consulting with the student and parents and determining there are extenuating circumstances. 2. A teacher requests a student be withdrawn. In which case, an administrator will make the final decision after conferring with the teacher, student, counselor, and parents.

Removal from a Class

Repeated incorrigible behavior in a class can result in the removal of the student from that class with no credit awarded and WDF (withdrawn failing) being recorded in a student's permanent record. The teacher, principal, and director of students will make final determination of incorrigible behavior and removal. If the class is a requirement for graduation, the parents will be responsible for paying for the class through summer school or virtual schooling, or the student will be allowed to take the class again during the next school year.

DIRECTIONS FOR REQUESTING CLASSES

1. Read through the course descriptions. Pay special attention to the prerequisites for each class.
 2. Identify required classes you must take for the upcoming school year (**page 22 and 23 has list**)
 3. Review requirements for graduation, Apollo, athletics, etc. (**page 22**)
 4. Place an X or check next to the classes you wish to request for next year on **page 23**. NOTE: There are only 8 periods in a day. Make sure you don't request more classes than will fit. Remember, you will see your schedule before leaving for the summer and can make changes up to ten days after school is out.
 5. Return your course request sheet to the High School Office before the given deadline.
- Note: All fees are based on the past year and are subject to change with board approval in May.

Graduation Honors

The following is the list of requirements for the state sanctioned Honors Diploma along with HN's requirements for Honor Court. Students must meet these minimum requirements to receive these awards.

Honors Diploma

Student must be able to check 7 of these 8

1. complete four units of English
2. complete four units of math that shall include algebra I, algebra II, and geometry.
3. complete four units of science including physical science, biology, chemistry, and physics
4. complete four units of social studies
5. complete either three units of one foreign language or two units of two different foreign languages
6. complete one unit of a fine art
7. maintain an overall high school grade point average of at least 3.5 through the first 7 semester of high school.
8. obtain a composite score of 27 on the ACT or 1210 on SAT.

Graduation Honor Court

The HN Honor Court was established a number of years ago to recognize the top academic students in each graduating class. To be a member of the Honor Court, a student **must have an accumulative grade point average (GPA) of 3.5000 or above after the first 7 semesters of high school (1st semester of senior year is the 7th semester)**. This was put into place to make the honor court represent the academic top ten percent of most graduating classes. The top ten percent division is generally accepted by many other high schools and colleges as a level for honors status. Before the establishment of the honor court system, only the top two students, valedictorian and salutatorian, were honored in each class. The change was made because it was felt that the difference in the GPAs between the top students in a class is often not enough to merit only honoring the two highest students.

2016-2017 HN COURSE OFFERINGS

***Denotes course tentatively offered for college credit**

AGRICULTURE EDUCATION DEPARTMENT

Agricultural, Food and Natural Resources: (Must have this class to enter any other Agriculture class)

This first course in the career field is an introduction to Agricultural, Food and Natural Resources. 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, and power technology. 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 also focus on the basics of woodworking and construct a small wood project in the woodworking lab.

Open to grades: 9-12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: None

Course Cost: \$20 for class project and record books, \$17 for FFA dues.

FFA/SAE: Required

Plant Science

This second year agriculture class continues to develop an interest in the field of agriculture with a focus on plants. Students will apply principles of plant anatomy and physiology to crop production management, landscape and nursery management and floriculture. A unit of instruction will be covered on native plants, weeds and trees to the State of Ohio. Students will also have the chance for hands on laboratory experience. Throughout the course, students will learn communication, leadership, and business management skills reflective of the industry.

Open to grades: 10, 11, 12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: AFNR

Course Cost: \$15 for lab fees and record books, \$17 for FFA dues

FFA/SAE: Required

Animal Science

This second year agriculture class continues to develop an interest in the field of agriculture with a focus on animal science. 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 have the opportunity for hands on laboratory experiences throughout the course. Throughout the course, business principles and professional skills will be examined.

Open to grades: 10, 11, 12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: AFNR

Course Cost: \$15 for lab fees and record books, \$17 for FFA dues

FFA/SAE: Required

Mechanical Principles

Portions of this class are self-determined and students must be motivated to plan and implement project ideas. In this class, students will develop skills in utilizing different construction materials and methods. Students will discover the different forms of designing and planning for a project. Students will learn skills in metal fabrication, electricity, concrete and masonry, plumbing, and basic building construction along with the critical components of structural engineering including safety, business law and regulations.

Please remember that students are required to pay for all individual materials and individual projects.

Open to grades: 11, 12 (maximum of 10 students per class)

Length: one year

Credit: 1.25

Prerequisite: either of the following courses: Plant Science or Animal Science

Course Cost: \$25 for hardware and shop materials **PLUS the cost of any individual projects**

FFA/SAE: Required

Natural Resources

This natural resource class continues to develop an interest in the area of natural resources with a focus on pollution in the environment and wildlife mammals. Students will study relationships between organisms and their environment. Students will examine fundamentals of resource development, agriculture sustainability, energy needs, pollution control and wetland management. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development. This course will also focus on wildlife mammals, fish populations and building a medium sized hardwood project.

Open to grades: 11, 12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: either of the following courses: Plant Science or Animal Science

Course Cost: \$20 for class project and record books, \$17 for FFA dues

FFA/SAE: Required

Food and Meat Science

This Agriculture course is a split semester course. First semester students will examine the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine and implement food safety, sanitation, and quality assurance protocols. Government regulations and food legislation will be examined and the implications to food science and technology will be identified.

The second semester students will apply food chemistry and microbiology to processing, preservation, packaging, storage and marketing of meat products. Students will evaluate carcass composition, assign quality grades, and examine valued-added products.

Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations.

Open to grades: 11, 12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: either of the following courses: Plant Science or Animal Science

Course Cost: \$20 for class projects and record books, \$17 for FFA dues

FFA/SAE: Required

Advanced Animal Science

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. Students will also spend one unit focusing on a designated shop or lab project of their choice.

Open to grades: 11, 12 (maximum of 15 students in class)

Length: one year

Credit: 1.25 (.5 credit is counted towards science)

Prerequisite: Animal Science

Course Cost: \$20 for class projects and record books, \$17 for FFA dues

FFA/SAE: Required

Agriculture Business and Leadership

This class is the end in the series of the agriculture classes. It is intended that students learn by doing and through this class students will develop their leadership skills by establishing themselves as the leaders of the FFA chapter. Students will spend time learning the components of business management by focusing on goal setting, planning, marketing, financing, and labor efficiency through class projects such as the Homecoming BBQ, the FFA Banquet, and officer elections. Time will be spent on community service through class projects such as mentoring and Ag in the Classroom. Students will also develop leadership and employability skills through public speaking, parliamentary procedure, and job interviewing and learning how to manage finances.

Open to grades: 12 (maximum of 20 students in class)

Length: one year

Credit: 1.25

Prerequisite: Mechanical Principles, Natural Resources, Food and Meat Science, or Advanced Animal Science.

Course Cost: \$5 for class fee and record books, \$17 for FFA dues

FFA/SAE: Required

Agricultural Capstone

Intended for chapter officers and active senior FFA members wanting additional help and guidance in all aspects of FFA and SAE. Through this class, students will use communication and leadership skills to become effective leaders. Students will promote diversity in their leadership skills and foster positive working relationships among their peers. Students must be motivated towards the FFA and agricultural education.

Open to grades: FFA chapter officers and 12th graders (maximum of 15 students per class)

Length: one year

Credit: 1

Prerequisite: Concurrent enrollment in an agriculture class and FFA Officer or permission of instructor

Course Cost: \$0

FFA/SAE: Required through enrollment in another Agricultural Education course.

ART DEPARTMENT

Art I:

A broad program introducing several areas of art including basic techniques in drawing, painting, graphic design, portraiture, and ceramics, in addition to art history and criticism of art.

Open to grades: 9,10,11,12

Length: one year

Credit: 1

Prerequisite: junior high grade of "C" or better and teacher permission

Course Cost: \$25 for supplies **PLUS** the cost of a sketchbook which should be purchased on your own.

Art II:

A secondary art foundations course involving areas of drawing, painting, graphic design, ceramics, and sculpture in addition to art history and art criticism.

Open to grades: 10,11,12

Length: one year

Credit: 1

Prerequisite: Art I or teacher permission

Course Costs: \$25 for supplies **PLUS** the cost of a sketchbook which should be purchased on your own.

Art III:

Third year art program includes concentration on advanced drawing, painting, graphic design, sculpture and portraiture in addition to art history and art criticism.

Open to grades: 11,12

Length: one year

Credit: 1

Prerequisites: Art I, II or teacher permission

Course Costs: \$25 for supplies **PLUS** the cost of a sketchbook which should be purchased on your own.

Art IV:

Individual study in drawing, painting, graphic design, portraits and sculpture in addition to art history, aesthetics, and art criticism.

Open to grades: 12

Length: one year

Credit: 1

Prerequisites: Art I, Art II, Art III, and teacher permission

Course Cost: \$30 for supplies **PLUS the cost of individual projects.**

COMPUTER/BUSINESS EDUCATION DEPARTMENT

Game Design I

This is an introductory course in which students use simulations and games to learn object-oriented programming concepts and principles. Students will create simple video and arcade games through hands-on labs. Group presentation and individual instruction is also provided to emphasize major concepts and principles. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 9, 10,11,12

Length: Two Semesters (paired with Game Design II)

Credit: .5

Prerequisite: None

Course Cost: \$10

Game Design II

This is a continuation course of game design in which students use simulations and games to learn object-oriented programming concepts and principles. Students will create simple video and arcade games with professional level programs. Group presentation and individual instruction is also provided to emphasize major concepts and principles. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 9, 10,11,12

Length: Two Semesters (paired with Game Design 1)

Credit: .5

Prerequisite: None

Course Cost: \$10

***Graphic Design**

Students will work with Adobe In-Design to create digital drawings or computer-generated images (pictures), and letterforms that make up various typefaces to produce professional quality posters, business logos, magazine ads, CD/DVD covers and other forms of visual communication projects. Using graphic design principles and concepts, each student will learn to inform, persuade, organize, stimulate, locate, identify, and attract attention to represent the ideas their clients want to communicate. Students will also learn to collaborate with team projects where they will develop shared project management skills such as interviewing and project scheduling, peer review, and redesign. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 10,11,12

Length: One Semester (paired with Animation)

***Credit:** .5 (Available for college credit through Rhodes State College, course DC version worth 1 credit)

Prerequisite: \$10

***Animation**

This is an introductory course in the basic concepts of animating. Students will use Adobe Flash/Animate to create cartoon style animation projects using 2D and 3D concepts and applications. The emphasis of this course is hands-on labs, with some group presentation and individual instruction. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 9, 10,11,12

Length: One Semester (paired with Graphic Design)

Credit: .5 (Available for college credit through Rhodes State College, DC version worth 1 credit)

Prerequisite: None

Course Cost: \$10

***Multimedia and Video Editing**

This introductory course develops skills in shooting video/photos, synthesizing the composition, producing video/photo communications, story planning, audio and narration planning and recording, and video/photo editing. Students will learn use Adobe Premier CC to learn how to create, manipulate, and optimize motion graphics for film, video, DVD, the web, and mobile devices. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 10,11,12

Length: One Semester (paired with Animation and Video Editing course)

Credit: .5

Prerequisite: None

Course Cost: \$10

***Animation and Video Editing**

This introductory course develops skills in shooting video/photos, synthesizing the composition, producing video/photo communications, story planning, audio and narration planning and recording, and video/photo editing. Students will learn use Adobe After Effects CC to learn how to create, manipulate, and optimize motion graphics for film, video, DVD, the web, and mobile devices. In addition, current technology issues will be discussed through class interaction and Moodle forums.

Open to grades: 10,11,12

Length: One Semester (paired with Multimedia and Video Editing course)

Credit: .5

Prerequisite: None

Course Cost: \$10

Microsoft Computer Applications (Online Course)

This course will introduce the basic skills needed to use applications (Word, Excel, and PowerPoint) in the Microsoft Office 2010 Suite through online lessons and projects. Students may take this course as an independent study. The online course can be completed by arranging a computer lab time with the instructor or through the web with a high speed internet connection.

Open to grades: 9,10,11,12

Length: One Semester

Credit: .5

Prerequisite: None

Course Cost: \$10

ENGLISH DEPARTMENT

NOTE: Students cannot take more than one English course during a school year (excluding electives). Any missed course credit must be made up in summer school or through a tutored course.

English I:

This course is a broad, general course in language arts reviewing and building on lower level courses. The literature analysis emphasizes appreciation and study of the short story, poetry, drama, and the novel, as well as works of nonfiction. Also included in the course is a continuing emphasis on reading and vocabulary skills as well as practice and encouragement of self-expression, both oral and written.

Open to grades: 9

Length: one year

Credit: 1 English credit

Prerequisite: none

Course Costs: \$10 for additional reading materials

English II:

Similar to English I, this course also focuses on the study and appreciation of fiction and nonfiction texts. Building on the skills and strategies introduced in previous English Language Arts courses, English II elevates its content to include texts from numerous genres and time periods. Besides enhancing these foundational skills, the course will highlight the pleasures and excitements offered by a lifetime of reading.

Open to grades: 10

Length: one year

Credit: 1 English credit

Prerequisite: Passing grade in English I

Course Costs: \$10 for additional reading materials

English III:

English III is an American Literature survey course. The texts for this course have been carefully selected to highlight the distinctive literary movements that influenced American Literature from the discovery of America through more modern times. Students will engage in these texts through discussion, literary reflection, vocabulary study, and the creation of writing assignments and creative projects- all of which require the students to develop understandings, make connections, and defend personal viewpoints.

Open to grades: 11

Length: one year

Credit: 1 English credit

Prerequisite: Passing grade in English II

Course Costs: \$10 for additional reading materials

English IV:

Using texts from around the globe as its road map, this course investigates the numerous voices belonging to writers from all walks of life. Primarily focusing on authors from outside the United States, students in English IV will use the foundations developed in previous English courses to continue the study of language, storytelling, and rhetoric to identify with new and interesting viewpoints.

Open to grades: 12

Length: one year

Credit: 1 English credit

Prerequisite: Passing grade in English III

Course Costs: \$10 for additional reading materials

***Written Communication** (English Composition 12) (dual credit through Urbana University 6 credits):

This is an advanced course with a major emphasis placed on the planning, composing, editing, and publishing of all types of fiction and nonfiction writing. Students will be instructed how to formulate several different essay types, employing the full writing process, in order to gain preparation for the college writing experience.

Open to grades: 12

Length: one year

Credit: 2 English credit (must be taken as a CCP dual credit course)

Prerequisite: High School English grade average of 3.2 or higher; **strongly** recommended for those who are college bound.

Course Cost: none

One Year English Electives: The following 1 credit electives cannot be used to satisfy the English requirement. They will be scheduled (or not scheduled) based on student numbers and teacher availability.

***Literature Appreciation ENGL 150** (dual credit through the University of Findlay 3 credits):

Literature Appreciation is an introductory course, which by focusing on the themes and values of selected works, “speaks” to life’s issues. The course will stress examination of literature, critical thinking and inquiry, discussion, self-reflection, and personal responses to literature. Students will develop a better appreciation and understanding of how people’s identities modify through pivotal and life changing experiences and how literature and literary works can illustrate moments of realization that lead to a new identity.

Open to grades: 11, 12

Length: one year

Credit: 1 elective credit

Prerequisite: High School English grade average of 2.5 or higher

Course Cost: none

Journalism I - Semester 1 of Journalism/Publications

This course is designed to teach students the fundamentals of newspaper writing and editing. Students will learn to write feature stories, editorials, and other factual newsworthy material. Students taking this course will serve as reporters and photographers of school events. The structure of this course is a combination of group discussion, laboratory work, and field experience, with an emphasis on independent thinking and creativity. Work completed in this class will be carried over into Publications I for creation of the school yearbook.

Open to grades: 10, 11, 12

Length: one semester (taken first semester, paired with Publications course)

Credit: .5 elective credit

Prerequisite: “C” or higher in all high school English courses and recommendation of the instructor

Course Cost: none

Publications I - Semester 2 of Journalism/Publications

This course will build on the foundation formed in Journalism I with hands-on publication experience. Students will incorporate the skills they developed and the work they completed in Journalism into the high school yearbook, as well as furthering those skills with additional journalistic field experience as the school year progresses. Students will be taught the basics of the online yearbook software, develop a theme and style for the yearbook, and work on both the content and layout/design on assigned pages. Students will also be involved in the selling of advertisements to local businesses and the yearbook ordering process.

Open to grades: 10, 11, 12

Length: one semester (taken second semester, paired with Journalism course)

Credit: .5 elective credit

Prerequisite: Journalism I

Course Cost: none

One Semester English Electives: The following .5 credit electives are offered independently and also cannot be used to satisfy the English requirement. They will be scheduled (or not scheduled) based on student numbers and teacher availability. It is suggested that you try to take two of these options, one each semester, in order to fill that space in your schedule for the entire year.

Speech

This course is designed to practice, improve, and refine public speaking skills. The course will teach students the fundamentals of speech writing and oral presentation, while addressing Communication: Oral and Visual State Standards. Students will participate in a number of speaking activities, including improvisation, extemporaneous speaking, persuasive speaking, and demonstrative speaking. Students do not need to be excellent public speakers to take this course, but should have a willingness to practice and improve their speaking skills.

Open to grades: 10, 11, 12

Length: one semester

Credit: .5 elective credit

Prerequisite: “C” or higher in all high school English courses.

Course Cost: none

Fiction Writers Workshop

This class is for students who want to learn how to write fiction short stories and/or novels, or for students who have previously composed some fiction of their own. Students will learn and experiment with fiction writing strategies in order to create and present several short works of fiction throughout the semester. Students will take turns workshopping their short written pieces with classmates on a rotating schedule. Writing workshops will involve reading one student's work and providing feedback to the author based on fiction conventions discussed in class.

Open to grades: 10, 11, 12

Length: one semester

Credit: .5 elective credit

Prerequisite: "C" or higher in all high school English courses.

Course Cost: none

Topics in Literary Studies

This course introduces students to the study of significant works of literature in selected genres. Emphasis is on discussion of and writing about characteristics and themes of the works. Topics will vary from year to year and be listed in the course catalog for the upcoming school year. The 2017-2018 topic options will be: **Books Adapted into Movies** or **Exploring Mental Illness in Literature**.

Open to grades: 10, 11, 12

Length: one semester

Credit: .5 elective credit

Prerequisite: "C" or higher in all high school English courses.

Course Cost: none

FAMILY AND CONSUMER SCIENCES (FCS) DEPARTMENT

Transitions and Careers (formerly Single Survival):

This is a beginning course for the department and is a prerequisite for all other courses. In this course, students will analyze interests, aptitudes and skills to prepare for careers that transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology etiquette and career planning.

Open to grades: 9, 10

Length: year long

Credit: (1 total credit)

Prerequisite: none

Course Costs: \$30 for lab fees and project supplies

Principles of Food (formerly Nutrition):

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Open to grades: 10, 11, 12 (limit of 15 students total)

Length: year long

Credit: (1 total credit)

Prerequisite: Transitions and Careers, formerly Single Survival or permission of instructor

Course Costs: \$46 lab fee

Global Foods (formerly Advanced Nutrition):

Required prerequisites include (Transitions and Careers, formerly Single Survival and Principles of Food, formerly Nutrition, must have achieved a B or better grade in Nutrition unless given permission by teacher. 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, including the use of specialty and advanced equipment in the preparation of food dishes.

Open to grades: 11, 12 (limit of 15 students total)

Length: year long

Credit: (1 total credit)

Prerequisite: Transitions and Careers, formerly Single Survival and Principles of Food, formerly Nutrition with a B grade or better or by permission of instructor

Course Cost: \$46 lab fee

Child Development (formerly Parenting):

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

Open to grades: 10, 11, 12

Length: year long

Credit: (1 total credit)

Prerequisite: Transitions and Careers, formerly Single Survival or permission of instructor

Course Costs: \$20 for lab fees and project supplies

Textile Design, Construction and Maintenance:

This course focuses on the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics include the maintenance and alterations of textiles products, including home interior accessories and garments.

Open to grades: 11, 12

Length: year long

Credit: (1 total credit)

Prerequisite: Transitions and Careers, formerly Single Survival or permission of instructor

Course Costs: \$40 for lab fees and project supplies

FOREIGN LANGUAGE DEPARTMENT

Why should I choose a Foreign Language? Traditionally, a completely rounded education has always included the study of at least one language other than one's own. But there are also other more practical reasons for including the study of a foreign language in one's high school program:

1. In today's job market, priority is often given to those applicants who have studied a foreign language. Many businesses will pay bonus salaries for basic knowledge of a foreign language.
2. It has been demonstrated that the study of a foreign language is very helpful for learning the skills that are needed to work with computers. After all, the computer language is a kind of foreign language.
3. It is generally recognized that a foreign language study broadens the student's understanding and appreciation of his native language. It has often been said that one does not know well one's own language without having studied a foreign language. That's why most foreign language students do better in English as well.
4. Another practical reason for taking up a foreign language is the fact that today prospective university students are generally required to have completed two or three years of foreign language study (along with 3 years of science, 3 years of math, 3 years of social studies, 4 years of English and 1 art credit.)
5. With additional years of foreign language, a student significantly increases language skills. If a student has chosen a college major which requires a language to be taken at the college level, this skill could prove very valuable. Many colleges will offer proficiency testing in language which would enable the student to "test out" of the language requirement and also earn college credit for that coursework. The five areas: culture, listening, speaking, reading, and writing are equally stressed.

Spanish I

The first year of Spanish study lays a good foundation in pronunciation, hearing and producing the sounds of Spanish, and in learning how to study another language. A carefully chosen beginning vocabulary and useful expressions are learned by using them orally in the classroom and in regular written assignments. The basic grammar for nouns, adjectives and some classes for pronouns are mastered the first year, along with the present tense of verbs and the past tense. Students will be exposed to the geography and customs of Spanish-speaking countries, including the United States.

Open to Grades: 9-12

Length: 1 Year

Credit: 1

Prerequisite: B or better in previous English class

Course Costs: \$10.00 fee projects and misc. items.

Spanish II

The second year begins with a thorough review and then continues to expand the vocabulary. More emphasis is placed on reading-for-meaning this year, and the study of all the basic indicative verb tenses is completed this year, along with the use of object pronouns. Students will continue to develop an appreciation for Hispanic cultures through a variety of materials.

Open to Grades: 10-12

Length: 1 Year

Credit: 1

Prerequisite: Spanish I average of "C" or better

Course Costs: \$10.00 fee for projects and misc. items

Spanish III

In Spanish III previous verb tenses are reviewed. The present and past perfect tenses along with the subjunctive mood are taught and the total knowledge of Spanish is applied to the reading of Spanish writings, both literary and practical, the use of Spanish in conversation and in written compositions. Students will continue their cultural studies through hands-on activities.

Open to Grades: 11-12

Length: 1 Year

Credit: 1

Prerequisite: Spanish II average of “C” or better

Course Costs: \$10.00 fee for projects and misc. items.

***Spanish IV(Dual Credit through University of Findlay 3 credits)**

Spanish IV is an advanced elective course in which the student will review and refine structural material taught in previous levels and will add structures necessary for the mastery of the language which have not been previously covered for basic functional literacy. The class will be conducted in Spanish. As an advanced course, the content may vary with the needs of the individual students, but the emphasis will be on the student’s ability to communicate in Spanish, through writing, speaking, cultural studies will be more in-depth.

Open to Grades: 12

Length: 1 Year

Credit: 1 (course is available for college credit through the University of Findlay)

Prerequisite: Spanish III average of “C” or better (Student must have a 3.2 GPA to take for college credit)

Course Costs: \$10.00 fee for projects and misc. items.

HEALTH & PHYSICAL EDUCATION DEPARTMENT

Health:

The focus of this course is how healthy life choices promote and impact the quality of our lives. Refusal skills, decision-making skills, dealing with high risk behaviors, such as smoking, drinking, and relationships are stressed. Fitness /nutrition and personal safety are topics highlighted in this course. Health literacy, the capacity of individuals to obtain, interpret, and understand basic health information, products, and services, is a continual focus within all areas of health related topics. The course uses technology and problem-based learning throughout the semester. Students are required to pass one half unit of health to meet Ohio graduation requirements.

Open to grades: 9

Length: one semester

Credit: .5

Prerequisite: none

Course Costs: none

Physical Education I & II:

Physical Education is a laboratory of physical experiences. With these physical experiences, we attempt to introduce students to new experiences, develop skills, acquire knowledge and understanding and develop necessary concepts on physical activities. Physical Education activities have been geared toward lifetime sports or activities. The new Physical Education Academic Content Standards will be used as the guide for Physical Education. Students will be involved with projects, keeping a log of physical activity, making goals of how to stay active, and physical fitness tests. These will be taught by students participating in individual and group activities.

Open to grades: 8, 9

Length: one semester

Credit: .25 per course should be taken once as 8th grader and once as 9th grader.

Prerequisite: none

Course Costs: none

MATHEMATICS DEPARTMENT

Algebra I:

Contains an introduction to Algebra which includes solving word problems and equation operations on and factoring of polynomials, operations on algebraic fractions and other mathematical concepts. Algebra lays the foundation for the study of higher mathematics.

Open to Grades: 8,9,10,11,12

Length: one year

Credit: 1

Prerequisite: Must have received a “B” in previous math course or have permission of instructor.

Course Cost: scientific calculator

Algebra II:

A continuation of Algebra I which includes applications of algebraic fractions, introduction to functions, systems of equations, inequalities, rational and irrational numbers, and quadratic functions.

Open to Grades: 9,10,11,12

Length: one year

Credit: 1

Prerequisite: A "C" or higher grade average in Algebra I is required.

Course Cost: scientific calculator

Geometry:

Beginning with a handful of assumptions, the structure of geometry is gradually built using logical proofs. The relationships among circles, lines, points, planes, and other geometric figures are the main topics of study.

Open to Grades: 10,11,12

Length: one year

Credit: 1

Prerequisite: Algebra II with a grade average of "C" or higher is required.

Course Cost: scientific calculator

Tech Algebra I:

Tech Alg I is an integrated class that combines standards from Alg. I and Geometry. Topics from Alg I include , but are not limited to, basic and exponential functions, solving and graphing linear equations and inequalities, and systems of linear equations and inequalities. Topics from Geometry include, but are not limited to, transformations, properties of parallel and perpendicular lines and basic proofs."

Open to Grades: 9,10

Length: one year

Credit: 1

Prerequisite: none

Course Cost: scientific calculator

Tech Algebra II:

A continuation of Algebra I/Tech Alg. I which includes applications of algebraic fractions, introduction to functions, systems of equations, inequalities, rational and irrational numbers, and quadratic functions.

Open to Grades: 9,10,11,12

Length: one year

Credit: 1

Prerequisite: Pass Tech Algebra I or Algebra I

Course Cost: scientific calculator

Tech Algebra III:

A continuation of Tech Algebra II, this course integrates arithmetic, algebra and geometry. While some review of Tech Algebra II is offered, this class builds upon what was taught the previous year. Emphasis is placed upon problem solving, cooperative learning and real world applications. Specific areas include: polygons, measurement, probability and statistics, transformations, polynomials, quadratic functions, advanced functions, trigonometry.

Open to grades: 10, 11, 12

Length: one year

Credit: 1

Pre-req: Pass Tech Algebra II

Course Cost: scientific calculator

Business Math:

This course is an application of basic math to "real world" problems. It is a very practical course for those who want to learn about balancing a checkbook, car insurance, filing tax returns, investments, budgets, credit, mortgages and loans, just to name of few.

Open to grades: 11,12

Length: one year

Credit: 1

Prerequisite: 2 credits of math previously earned.

Course Cost: A calculator is essential

Pre-Calculus:

A pre-calculus course with emphasis on trigonometry, equation solving, graphing, exponential equations, and logarithms. Students in this course will also utilize the school computers and graphing calculators in solving mathematical problems related to this course.

Open to Grades: 11, 12

Length: one year

Credit: 1

Prerequisite: "C" or higher grade average in Algebra II and Geometry is required or instructor's permission.

Course Cost: good scientific calculator \$10-\$25

***Calculus I (Math 141.hn) (Dual Credit through University of Findlay 4 credits)**

An Introduction to a graphical, numerical, and symbolic approach to differential and integral calculus of one variable. Topics cover the rate of change of a function, limits, continuity, rules of differentiation, and definite and indefinite integrals. Applications to the study of motion, optimization, and related concepts in other areas of the natural and social sciences are included. Course is offered in conjunction with the University of Findlay for 4 semester credits.

Open to Grades: 12

Length: 1 year

Credit: 1 High School Credit, 4 college semester credits (DC version worth 1.33 credits)

Prerequisite: Cumulative GPA of 3.2 or higher and passing grade in geometry

Course Cost: A graphing calculator is required (TI-84 plus is recommended)

MUSIC DEPARTMENT:

Symphonic/ Marching Band

Symphonic Band is an all year course which is the center of all instrumental music ensembles. In order to participate in any other ensembles (Jazz Band, Pep Band, etc), the student must be enrolled in Concert or Symphonic Band. Students will explore only the highest quality of literature currently available for the high school symphonic ensemble. The Symphonic Band will perform three mandatory concerts throughout the school year, in addition to performing at the Ohio Music Education Association's Large Group Contest in March. Students in this class will also be required to participate in the Ohio Music Education Association's Solo & Ensemble Contest.

The Marching Band is Hardin Northern's most visual instrumental performing ensemble to the community at large. The band will perform at every football game, participate in parades, and demonstrate school pride at pep rallies. In addition, the band will participate in 1-3 Festivals throughout the season. Mandatory rehearsals will begin the second week of July and will last until the season is complete in October.

Open to Grades: 7,8,9,10,11,12

Length: one year

Credit: 1

Prerequisite: Beginning and Concert Band and/or sufficient proficiency on instrument.

Course Cost: There will be a \$15 fee for all students to purchase the method book for this course (unless the book is already owned by the student). If you use a school instrument, there is also a yearly rental fee of \$25 for the following instruments (Flute, Clarinet, Trumpet and Trombone). : There will be a \$20 fee uniform rental for marching band.

Jazz Band (Pre-Period)

Jazz music is America's first original art form! In this class, students will learn how to play correct Jazz style, improvisation, jazz theory and history. The Jazz Band will perform at least 1 concert during the year with a few additional performances. The course will meet beginning the 2nd 9 weeks and will last till the end of the school year. Any student who participates in Jazz Band MUST be in Concert or Symphonic Band.*

Open to Grades: 8,9,10,11,12 (7 based on audition)

Length: 2nd-4th 9 weeks

Credit: .75

Prerequisite: Beginning Band and Concert/Symphonic Band and/or sufficient proficiency on instrument.* (Those who play guitar and bass are exempted from the Concert/Symphonic Band Requirement)

Course Cost: There will be a \$15 fee to cover the cost of the course method book.

Music Theory

Do you play a musical instrument or enjoy singing? Do you like computers? Are you interested in writing your own music? Do you wish there was a class where you were given assignments to play computer games? Is having fun while learning something that is important to you? If you answered yes to any of these questions, then you should take Music Theory! This exciting and engaging computer based class will give you the skills and knowledge to create your own music and develop and larger appreciation for music in general. This class is open to ANYONE regardless of musical ability and will give you a fine arts credit! This type of class will look very impressive for those students looking to apply for college and scholarships after high school.

Open to Grades: 9,10,11,12

Length: one year or ½ year

Credit: 1 or .5 cr.

Prerequisite: None

Course Cost: \$0 - This class requires the use of computers. Students will be asked to download safe open source content which will allow them to compose on their computers at home

Awakened Commotion—Pop A Capella Choir (Pre-Period)

Awakened Commotion is an a capella singing group that rehearses from 7:00am-8:00am two days a week. Members also attend a week-long “camp”(held at the school) in August prior to the beginning of the school year. *Awakened Commotion* performs an unaccompanied mix of contemporary pop/rock vocal arrangements. Members must be strong vocalists with the ability to carry a vocal part without accompaniment. **Grades are determined by the student’s rehearsal attendance, concert attendance, and participation.** This group performs at two junior high/high school choir concerts per year (December and May) and at a minimum of two festivals/competitions per year. Members may be asked to perform for other community events throughout the year. The students selected for this choir will be accepted by the director through a short vocal audition.

Open to Grades: 9,10,11,12

Length: One year

Credit: 1 credit- outside normal school day

Prerequisite: Accepted through audition

Course Cost: \$10 class fee. Members may be asked to pay registration fees to at least two festivals/competitions per year.

Concert Choir:

The Concert Choir meets five days per week and is open to any student who wishes to participate. The Concert Choir performs at a minimum of two school concerts a year and may be asked to perform for the high school musical and other community events throughout the year. **Grades are determined by the student’s classroom participation, concert attendance, and knowledge of material covered in class.** Individual voice improvement, part singing, exposure to various styles of music, and opportunities to perform are examples of the many objectives of the Concert Choir. You’ll enjoy making music with the Concert Choir, plus this course fulfills the “fine arts” requirement for graduation and the College Prep recommendation.

Open to Grades: 9,10,11,12

Length: one year

Credit: 1

Prerequisite: None

Course Cost: \$10

SCIENCE DEPARTMENT

Physical Science 9:

This course is a basic science course geared to prepare students for the more advanced science courses along with giving students an understanding of the practical application of science. The course starts with the definition of the scientific method then stresses the different fields of science dealing with chemistry, physics, and science technology.

Open to Grades: 9

Length: one year

Credit: 1

Prerequisite: none

Course Cost: None

Biology I:

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

Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications. This course covers the following 4 topics: Cells, Heredity, Evolution, and Diversity and Interdependence of Life..

Open to Grades: 10,11,12

Length: one year

Credit: 1

Prerequisite: pass physical science 9

Course Cost: \$8 lab fee

Biology II:

Biology II is a continuation of Biology I. This course covers material in the following areas:

- 1) plant biology (importance, classification, structure, function, responses)
- 2) zoology (diversity of the animal kingdom, structure and function)
- 3) human biology (anatomy and physiology)

Students will explore biological concepts by doing investigations and activities. Preserved specimens will be dissected.

Open to Grades: 11,12

Length: one year

Credit: 1

Prerequisite: Passing grade in Biology I

Course Cost: Fee approximately \$20

Anatomy and Physiology

Anatomy and Physiology is the study of the human body. This course is designed to provide the serious student with an adequate background knowledge to assist them in pursuing higher education in areas such as: nursing, dentistry, physical education, physical therapy, massage therapy, lab technician, or other related medical fields. The course will cover material in the following areas: anatomical parts/names, tissue types, bones, muscles, and organ systems. Students will use dissection to help learn body parts, structures, and functions.

Open to Grades: 11, 12

Length: one year

Credit: 1

Prerequisite: Grade of "C" or better in Biology I; chemistry is recommended but not required.

Course Cost: \$25

Chemistry I:

This course is recommended for those students planning to go to college or further training in technical areas. Topics covered include matter and its changes, atomic structure and theory, chemical reactions and equations, solutions, and acid and base theory.

Open to Grades: 11,12

Length: one year

Credit: 1

Prerequisite: Algebra I

Course Cost: \$10

Physics:

A science which includes topics on force and motion, heat energy, wave transfer, light energy, and electricity. This course is recommended for those students planning to continue in math or science and who expect to go on to college.

Open to grades: 12

Length: one year

Credit: 1

Prerequisite: Algebra I & Algebra II

Course Cost: \$5

SOCIAL STUDIES DEPARTMENT

World History

This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Open to grades: 9 (Required)

Length: one year

Credit: 1

Prerequisite: None

Course Cost: none

American History

This course examines the history of the United States of America from 1877 to the present. The federal republic has withstood challenges to its national security and expanded the rights and roles of its citizens. The episodes of its past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

Open to grades: 10^a (required)

Length: one year

Credit: 1

Prerequisite: none

Course Cost: none

American Government

How the American people govern themselves at national, state and local levels of government is the basis for this course. Students can impact issues addressed by local governments through service learning and senior projects. This is a course for seniors and will be taught during the first semester.

Open to grades: 11 and 12

Length: ½ year

Credit: .5

Prerequisite: American History

Course Cost: TBD

*American Government DC (Dual Credit through Rhodes for 3 credits)

This course provides an overview of the American political system. It explores the institutions and activities which combine to create public policy. It emphasizes political concepts and their transformation into practices which shapes the public good in areas such as justice, equality, freedom, democracy, political parties, and citizenship and their application to local, national and international issues. All students in this course will take the course for Dual Credit through Rhodes

Open to grades: 11 and 12

Length: ½ year

Credit: 1 (must be taken for CCP dual credit) / 3 Semester Hours

Prerequisite: American History

Course Cost: TBD

*US History DC (American History to 1877) (Dual Credit through Rhodes for 3 credits)

This course will provide the student with the basic historical structures of the United States from its discovery to Reconstruction. Specific insights will be gained through intensive study of moments in the nation's development and crises: discovery and colonialism, the decade of discontent and revolution, the founding of the republic, the institution of slavery, manifest destiny, and the Civil War and Reconstruction. Course in second semester after American Government DC. All students in this course will take the course for Dual Credit through Rhodes.

Open to grades: 11-12

Length: ½ year

Credit: 1 (must be taken for CCP dual credit) / 3 Semester Hours

Prerequisite: American History

Course Cost: TBD

***US History DC (American History Since 1877) (Dual Credit through Rhodes for 3 credits)**

Provides the student with the basic historical structures of the late 19th and 20th century United States. Specific insights will be gained through intensive study of moments in crisis in the century: the rise of industrialism, the two world wars, the "normalcy" of the twenties, the depression of the thirties and the urban crisis of the sixties and seventies.

Open to grades: 11 - 12

Length: ½ year

Credit: 1 (must be taken for CCP dual credit) / 3 Semester Hours

Prerequisite: American History

Course Cost: TBD

Microeconomics

Microeconomics or CCP Microeconomics is a required class for graduation. This semester course provides an introduction to the basic concepts in economics. In particular, this course will emphasize an understanding of Economics as an everyday tool in order to be better prepared for independent life. Upon completion students should be able to use economic concepts in a rational manner to deal with local, national and global economic issues.

This course will explore how the forces of supply and demand guide a market economy. Other topics covered will include: financial literacy, budgeting, tradeoffs, theories of behavior, competition and monopoly, trade, determination of input and output prices and quantities, analysis of international trade and policy, and applications including labor markets and income distribution.

Open to grades: 11 - 12

Length: ½ year

Credit: .5

Prerequisite: none

Course Cost: TBD

***Microeconomics (DC) (Dual Credit through Rhodes for 3 credits)**

CCP Microeconomics or Microeconomics is a required class for graduation. This semester course is designed to help you develop a better understanding of Economics in American society by providing an introduction to Economic Theory while earning college credit through Rhodes State College.

In particular, this course will emphasize applying economics concepts through a variety of projects in order to address problems in current economic policy throughout the semester. Upon completion, students should be able to identify and evaluate consumer and business alternatives in order to achieve economic objectives.

This course will explore how the forces of supply and demand guide a market economy. Other topics covered will include: financial literacy, budgeting, tradeoffs, theories of behavior, competition and monopoly, trade, determination of input and output prices and quantities, analysis of international trade and policy, and applications including labor markets and income distribution.

Open to grades: 11 - 12

Length: ½ year

Credit: 1 (must be taken for CCP dual credit)

Prerequisite: none

Course Cost: TBD

The Civil War

The same god. The same language. A divided country. It was the bloodiest war in American History and helped redefine what it means to be American. With the current controversy surrounding the Confederate flag the Civil War remains at the heart of the American identity 150 years after its conclusion. Learn about the 5 C's of the Civil War Era: Causes, Concepts, Characters, Conflict and Consequences. We will view the Civil War as a struggle not only between opposing armies but as a struggle between opposing ideologies and opposing interpretations of the American government.

Students will examine the battlefields and historic places preserved as national parks. We will learn how life was different during the Civil War and analyze military strategy, technology, medicine, and photography of the era. In the past have created dioramas, video documentaries, visited reenactments, and brought artillery demonstrations to campus to help us learn about our topics. The class emphasizes hands-on learning and small group discussion. Students participating in this course may be eligible to participate in a learning experience trip to Gettysburg National Military Park.

Open to grades: 11-12

Length: ½ year or Full Year

Credit: .5 or 1

Prerequisite: none

Course Cost: TBD

Defining Moments in History

Do you have a favorite person, event, or time period from history? Pick your own topics to learn more about. We focus on the pivotal events that have changed the course of history. Past classes have focused on the JFK Assassination, 9-11, the Berlin Wall, the Manhattan Project, Pearl Harbor, the Holocaust, D-Day, the Moon Landing, and many others. The class is project based and we have created dioramas, video documentaries, and skits to help us learn about our topics. The class emphasizes hands-on learning and small group discussion.

Open to grades: 11-12

Length: ½ year or Full Year

Credit: .5 or 1

Prerequisite: none

Course Cost: TBD

Battle of Gettysburg

It was the largest battle in American History and the largest battle ever fought in the western hemisphere. For three days in Gettysburg 175,000 men fought to shape the future of America. When the smoke cleared at Gettysburg a small town was left to cope with the horrors left behind.

Who were the men that struggled here? How did the residents of Gettysburg react to the battle and how were they affected by the devastation left behind? How did the battle change the nation? What has Gettysburg meant to the generations that have followed? Learn about the land that Lincoln called Hallowed Ground through the eyes of the soldiers who fought there and the civilians whose lives were forever changed by the battle fought in their front yards. The class will emphasize hands-on learning and small group discussion. Students participating in this course may be eligible to participate in a learning experience trip to Gettysburg National Military Park.

Open to grades: 11-12

Length: ½ year

Credit: .5

Prerequisite: none

Course Cost: TBD

American Leaders

Abraham Lincoln, Alexander Hamilton, Thomas Jefferson, Teddy Roosevelt, John Kennedy and others are some of the most iconic names in American History. Leaders from different political parties and separated by a centuries, they are united by their concern for their country, its future, crisis management, and more.

Students will learn about the events that shaped their lives as well as what drove these men to become leaders. We will compare their lives and the legacy each man left behind. The class will emphasize hands-on learning and small group discussion.

Open to grades: 11-12

Length: ½ year

Credit: .5

Prerequisite: none

Course Cost: TBD

Pop Culture in History

Film, music, & television play an important role in history and politics. Many Americans learn history from the movies and television they watch. Movies and television not only portray historical events but also demonstrate how American society changes over time.

We will compare the portrayal of history and politics in film and TV to the reality as we understand it.

This class will take a look at some popular films and television shows and analyze how they have both portrayed and shaped history.

We may analyze television shows such as All in the Family, M*A*S*H, the Simpsons, and Star Trek. Some films we may look at include Glory, Casablanca, Titanic, The Magnificent Seven, and Sergeant York. The class will emphasize hands-on learning and small group discussion.

Open to grades: 11-12

Length: ½ year

Credit: .5

Prerequisite: none

Course Cost: TBD

Contemporary World Issues, Geography, and Ohio History

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and projects.

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements. The second semester will cover Ohio History. The Class will consist of sections that include: Prehistoric Era through Modern Ohio. Some of the topics include: The order of significant events in Ohio can be shown on a timeline. Various groups of people have lived in Ohio over time including American Indians, migrating settlers and immigrants. Interactions among these groups have resulted in both cooperation and conflict, The economic development of the United States continues to influence and be influenced by agriculture, industry and natural resources in Ohio, People have modified the environment since prehistoric times. There are both positive and negative consequences for modifying the environment in Ohio, Ohio's location in the United States and its transportation systems continue to influence the movement of people, products and ideas,

Open to grades: 11-12

Length: one year

Credit: 1

Prerequisite: C or better in World History or instructor's permission

Course Cost: \$23

Career and College Transition and Exploration

Explore the possibilities of career and college after high school through the use of an online transition program that allows you to plan your future based on your interests and skills. Be prepared to enter college and have plans made before graduation. This program allows you apply to colleges, fill out college applications, submit transcripts and research schools. If you do not wish to attend college, this program also allows you to research careers and future jobs with an emphasis on tools to match you to appropriate careers. This class is individual based and focuses on each person's specific likes and dislikes/skills and aptitudes.

Open to grades: 11-12 (all students); required for all IEP students 11-12

Length: one year

Credit: 1

Prerequisite: none

Course Cost: TBD

HN Graduation Requirements

- 4 credits of English
 - ½ credit of Health
 - ½ credit of Physical Education (2 courses ¼ cr. each)
 - 4 credits Math including Alg. I, Geometry and Algebra II or Tech Alg. I, II, and III.
 - 3 credits of Social Studies including World History, American History and Government
 - 3 credits of science (must include 1 credit of biology and 1 credit of physical science and an additional science)
 - 1 cr. of performing art which can be taken in junior high
 - 5 credits of electives
- 21 total credits

Tests required for Graduation-

- Starting with class of 2018- End of course exams in English 1-2, Biology I, Alg. 1 and Geometry or Tech Alg. I and II, American History, and Government. Each test is worth 1 to 5 points. Must have a total of 18 points including 4 from English, 4 from math, and 6 from science and social studies together.

EOY Test record (Points)

English I _____ English II _____
 Bio I _____ Gov't _____ Am History _____
 Alg I/Tech Alg I _____ Geometry/Tech Alg II _____
 Total Points _____

Required Credits for Promotion:

Grade 9 to 10 requires 5 Credits
 Grade 10 to 11 requires 10 Credits
 Grade 11 to 12 requires 15 Credits
 Graduation requires 21 credits

Recommended for College Preparation (summary)

- 4 credits of English
- 4 credits of Math Algebra and above
- 4 credits of Social Studies
- 3 credits of Science (Chemistry, physics, biology)
- 3 credits of Foreign Language
- 1 credit of Fine Arts
- One additional from the above list

Athletic Eligibility-

- Must pass 5 credits of course work each 9 weeks to be eligible the next 9 weeks.

Students attending Apollo

9th and 10th grade at HN:
 English I and II
 ½ credit Health
 ½ credit Physical Education (1/4 can be taken 8th)
 2 credits of Math (must include Tech Alg I or Alg. I)
 1 credit of Am. History and World History
 1 credit of Physical Science (Biology also recommended)
 1 credit of a fine art (band, choir, art NOTE: can be done in Junior High)

11th grade at Apollo:
 Lab- 3cr., Related 1 cr., Int. English III 1 cr., Math 1cr., Social Studies 1cr.

12th grade at Apollo:
 Lab- 3cr., Related/Tech 1 cr., Int. English IV 1 cr., Int. Science 1cr. Social Studies 1 cr.

Planned 4 year schedule Date created _____ Grade of student when created _____

Year 1	Check	Year 2	Check	Year 3	Check	Year 4	Check
English I _____		English II _____		English III _____		English _____	
Health/PE II _____		Am. History _____		Science Class _____		Gov't (class 2018) _____	
Physical Science _____		Biology I _____		Geometry or Pre Calc _____		Math if need 4th _____	
Math cr. _____		Math _____		Gov't (class 2019) _____		Elective _____	
World History _____		Elective _____		Elective _____		Elective _____	
Elective _____		Elective _____		Elective _____		Elective _____	
Elective _____		Elective _____		Elective _____		Elective _____	
Elective _____		Elective _____		Elective _____		Elective _____	

Course Request Sheet 2016-17

Physical Education 1 credit of the following to graduate and attend Apollo

Class Title	Credits	Grade
___(110) Health*	.50 cr	9-12
___(111) Physical Education I*	.25 cr	8
___(211) Physical Education II*	.25 cr	9

English 4 credits for graduation & college prep.
2 credits in 9 & 10 to be eligible to attend Apollo

NOTE: only one English class per year can be taken!

Class Title	Credits	Grade
___(120) English I*	1 cr	9
___(220) English II*	1 cr	10
___(320) English III*	1 cr	11
___(420) English IV	1 cr	12
___(421) Written Communication(dual cr)	2 cr	12

Math 4 credits for graduation & college prep.

2 credits to attend Apollo (must include Tech Alg. I or Alg I)

Class Title	Credits	Grade
___(141) Algebra I	1 cr	8-12
___(341) Algebra II	1 cr	9-12
___(442) Calculus (dual cr.)	1 or 1.33 cr	12
___(241) Geometry	1 cr	10-12
___(242) Business math	1 cr	11-12
___(441) Pre-Calculus	1 cr	11-12
___(140) Tech Algebra I	1 cr	9-10
___(240) Tech Algebra II	1 cr	9-12
___(243) Tech Algebra III	1 cr	10-12

Social Studies 3 credits for graduation, 4 credits recommended for college prep, 1 credit to attend Apollo

Class Title	Credits	Grade
___(202) American Gov't	.5 cr	11-12
___(203) Microeconomics	.5 cr	11-12
___(200) American Gov't DC (dual cr.)	1 cr	11-12
___(201) Microeconomics DC (dual cr.)	1 cr	11-12
___(204) US History DC to 1877(dual cr.)	1 cr	11-12
___(205)US History DC from 1877 (dual cr)	1 cr	11-12
___(301) American History*	1cr	10
___(260) World History*	1cr	9
___(263) World Issues and Geography	1cr	11-12
___(264) Civil War	.5 cr	11-12
___(265) Defining Moments in History	.5 cr	11-12
___(266) Battle of Gettysburg	.5 cr	11-12
___(267) American Leaders	.5 cr	11-12
___(268)Pop Culture in History	.5 cr	11-12

Science 3 credits, must include biology and physical science for graduation. 3 credits, (chemistry, physics, biology), for college prep. 1 credit to attend Apollo

NOTE: Ag classes give 1/2 credit of science in addition to 3/4 credit of general elective for a total of 1.25 credits.

Class Title	Credits	Grade
___(581) Ag, Food, NR (lab).5 cr sci, .75 cr elect	.75 cr	9-12
___(586) Plant Science (lab).5 cr sci, .75 cr elect	.75 cr	10-12
___(588) Natural Resources (lab).5 cr sci, .75 cr elect	.75 cr	11-12
___(589) Animal Science(lab).5 cr sci, .75 cr elect	.75 cr	10-12
___(590) Food and Meat (lab) .5 cr sci, .75 cr elect	.75 cr	11-12
___(587) Advanced Animal Sci. .5 cr sci. .75 cr elective	.75 cr	11-12
___(234) Anatomy/physiology	1 cr	11-12
___(230) Biology I (lab)*	1 cr	10-12
___(231) Biology II (lab)	1 cr	11-12
___(330) Chemistry (lab)	1 or 1.33 cr	11-12
___(130) Physical Science*	1 cr	9
___(430) Physics (lab)	1 cr	12

*Denotes courses that MUST be taken.

Name _____ Yr _____

Additional required courses 1 credit of performing art for graduation. 1 credit of performing arts for college prep, 1 credit performing art to attend Apollo

Class Title	Credits	Grade
___(511) Art I	1cr	9-12
___(512) Art II	1cr	10-12
___(513) Art III	1cr	11-12
___(514) Art IV	1cr	12
___(515) Symphonic/Marching Band	1 cr	7-12
___(520) Jazz Band (pre period)	.75 cr	8-12
___(516) Concert Choir	1 cr	9-12
___(517) Pop A Capella Choir (pre per.)	1 cr	7-12
___(521) Music Theory	1 cr or .5cr	9-12

Electives 6 credits of the following for graduation

NOTE any of the other credits beyond the minimum required can also count as electives 2-3 cr. of foreign language for college prep.

___(572) Animation (dual cr)	} 1 or .5 cr	9-12
___(574) Graphic Design (dual cr.)		10-12
___(576) Game Design I	} .5 cr	9-12
___(577) Game Design II		9-12
___(578) Multimedia(dual cr)	} 1 or .5 cr	10-12
___(579) Animation/vid edit (dual cr)		10-12
___(575) Microsoft Applications on line	.5 cr	9-12
___(555) Spanish I	1cr	9-12
___(556) Spanish II	1cr	10-12
___(557) Spanish III	1 cr	11-12
___(558) Spanish IV (dual cr)	1 cr	12
___(494) Principles of Food (NU)	1 cr	10-12
___(497) Global Foods (NA)	1 cr	11-12
___(496) Child Development(PA)	1 cr	10-12
___(493) Transitions and Careers (SS)	1 cr	9-10
___(498) Textile Design	1 cr	11-12
___(483) Mechanical Principles	1.25 cr	11-12
___(585)Ag Capstone	1 cr	11-12
___(584)Ag Business Leadership	1.25 cr.	12
___(566) Lit Appreciation (dual cr)	1 cr	11-12
___(567) Journalism I	} .5 cr	10-12
___(565) Publications I		10-12
___(568) Speech	.5 cr	10-12
___(564) Fiction Writers	.5 cr	10-12
___(563) Topics in Lit Studies	.5 cr	10-12
___(wk rel) Ed Options (work release)		12
___(560) Career & College Transition	1 cr	11-12
___(SH) Study Hall- Maximum of 1	0 cr	7-12

Suggested/Possible Schedule for graduating on time

8 th Grade	11 th Grade
PE I .25cr	English III 1 cr
9 th Grade	Math 1 cr
English I 1 cr	Econ/Government (2019 and beyond) 1cr.
Health .5 cr	3rd Science 1 cr
PE II .25 cr	12 th Grade
Physical Science 1 cr	Written Communication (3.2 GPA in Eng. Req.) or English IV 1 cr
Math 1 cr	Econ/Government (2018 only) 1cr.
World History 1 cr	Math class 1cr
10 th Grade	3rd Science 1 cr
English II 1 cr	HS fine arts 1 cr
Math 1 cr	
Biology 1 cr	
American History (class 2017) 1 cr	

Student Signature _____

Parent Signature _____