

Board Adopted February 14, 2018

# **2018-2019**

# **Hardin Northern**

# **High School**

# **Course Description Book**



## **HARDIN NORTHERN HIGH SCHOOL (GRADES 9-12)**

### **COURSE SCHEDULING INFORMATION FOR THE 2018-2019 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: 1<sup>st</sup> semester was a 66% and 2<sup>nd</sup> semester was a 64% averages to a passing grade of 65%) 1<sup>st</sup> Semester grades are figured by adding the 1<sup>st</sup> quarter average to the 2<sup>nd</sup> quarter average and dividing by 2. The 2<sup>nd</sup> semester follows the same formula, but uses the 3<sup>rd</sup> and 4<sup>th</sup> nine weeks. Example: 66% for first nine weeks plus 77% for second nine weeks, plus 77% for second nine weeks = 143 divided by 2 = 71.5% semester average which would round to a 72%.

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 24 and 25 has list**)
3. Review requirements for graduation, Apollo, athletics, etc. (**page 24**)
4. Place an X or check next to the classes you wish to request for next year on **page 25**. 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.

### **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, and two additional lab based science classes.
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.

In addition to the academic honors diploma, the state of Ohio has implemented several additional paths to obtain an honors diploma. All options can be viewed at <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas>

#### **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 (1<sup>st</sup> semester of senior year is the 7<sup>th</sup> 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.

# **2018-2019 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 20 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, \$20 for FFA dues.

**FFA/SAE:** Required

### **Animal and Plant Science**

This second year agriculture class continues to develop an interest in the field of agriculture with a focus on animal and plant 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 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 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 (maximum of 20 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, \$20 for FFA dues

**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.

**Open to grades:** 11 (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, \$20 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, \$20 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, \$20 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 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

### **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, \$20 for FFA dues

**FFA/SAE:** Required

## **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:** \$30 for supplies **PLUS** the cost of a sketchbook which should be purchased on your own.

### **\*Art IV: (CCP credit available)**

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:** \$35 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 I)

**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

### **STEM 1 An Introduction to Engineering**

This STEM course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and 3D solid modeling apply math, science, history and English content from other courses in a STEM experience. This course makes science and mathematics more engaging, interesting, concrete, and relevant. The course's intention and purpose is to educate students in a "main line" method providing STEM education for everyone. Students interested in becoming practicing engineers will clearly benefit from this course content.

**Open to grades:** 9,10,11,12

**Length:** One Year

**Credit:** 1

**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/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. 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 year

**Credit:** 1 elective credit

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

**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 workshoping 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**

### **College and Career Readiness (formerly Single Survival):**

**Don't let the name fool you! This is not a class for just those going to college! This is a class for anyone who plans on moving out of their parent's home and living a life of their own.** 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 communication and technology, dining etiquette, financial goals dealing with credit and debt and health and wellness.

**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 Nutrition and Wellness (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 place 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 for project activities and culture days

### 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 project activities and culture days

### 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 project activities and culture days

### \*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 project activities and culture days

## 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. Body systems of the skeletal, muscular, nervous, and reproductive systems are covered in this course. Health literacy and 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. Students are required to pass one half unit of health to meet Ohio graduation requirements.

**Open to grades:** 8-12

**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. **NOTE: PE II can be waived if student participates in two seasons of a varsity sport, marching band, or cheerleading at the high school level.**

**Open to grades:** 8, 9

**Length:** one semester

**Credit:** .25 per course should be taken once as 8<sup>th</sup> grader and once as 9<sup>th</sup> 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:**

**New: Symphonic/Marching Band and Concert Choir will share 8th period. Band will meet Monday, Wednesday and every other Friday and Choir will meet Tuesday, Thursday and every other Friday. Students will still receive 1 credit for each class.**

### **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

**Period:** 8th Period- Mondays, Wednesdays and Every other Friday

**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.

### **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

**Period:** 8th Period- Tuesdays, Thursdays and Every other Friday

**Length:** one year

**Credit:** 1

**Prerequisite:** None

**Course Cost:** \$10

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

*Awakened Commotion* is an a capella singing group that rehearses from 7:00am-8:00am three 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 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.

## 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<sup>a</sup> (required)

**Length:** one year

**Credit:** 1

**Prerequisite:** none

**Course Cost:** none

### **American Government**

This course provides an overview of the American political system. It explores the institutions and activities which combine to create public policy. Students will study how the core principles of American democracy have evolved as the American people govern themselves at national, state and local levels of government. Students can impact issues addressed by local governments through service learning and senior projects. This course will provide an introduction to the basic concepts of economics and economic literacy 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 serves to create more informed citizens who are prepared to experience the triumphs and trials of that come from being an actively involved citizen.

**Open to grades:** 11 and 12

**Length:** 1 year

**Credit:** 1

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

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:** 9-12

**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:** 9-12

**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:** 9-12

**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:** 9-12

**Length:** ½ year

**Credit:** .5

**Prerequisite:** none

**Course Cost:** TBD

### **The Greatest Generations**

The course explores the story of how Americans endured the Great Depression and eventually prevailed in their struggle against totalitarianism during World War II. We will focus on how these events shaped the nation as Americans made sacrifices and changes at both the personal and national levels. The course will include a detailed study the 5 Cs of the Great Depression and World War II: Causes, Concepts, Characters, Conflict, and Consequences.

The class will include lecture, discussion, videos, small groups and project based learning. We will emphasize the use film and the literature as an approach to the study two cataclysmic events of the 20<sup>th</sup> century and the people who experienced them.

**Open to grades:** 9-12

**Length:** ½ year

**Credit:** .5

**Prerequisite:** none

**Course Cost:** TBD

### **Pop Culture in History 1**

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:** 9-12

**Length:** ½ year

**Credit:** .5

**Prerequisite:** none

**Course Cost:** TBD

## **Pop Culture in History 2**

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:** 9-12

**Length:** ½ year

**Credit:** .5

**Prerequisite:** Pop Culture in History 1

**Course Cost:** TBD

# Summary of CCP courses offered at HN

## Rhodes State College Offerings

### \*American Government DC POL 1010 (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 HST 1610(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 HST 1620 (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 (DC) ECN 1430(Dual Credit through Rhodes for 3 credits)

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

### \*Graphic Design CPT 2700

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 CPT 2770**

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 CPT 1580**

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 CPT 2760**

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

## **University of Findlay**

### **\*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)

### **\*Spanish IV SPAN 220(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 project activities and culture days

**\*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

**Urbana University**

**\*Art IV: (CCP credit available)**

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:** \$35 for supplies **PLUS the cost of individual projects.**

**\*Written Communication ENG 102 and 106** (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

## Summary of New course offerings

### **STEM 1 An Introduction to Engineering**

This STEM course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and 3D solid modeling apply math, science, history and English content from other courses in a STEM experience. This course makes science and mathematics more engaging, interesting, concrete, and relevant. The course's intention and purpose is to educate students in a "main line" method providing STEM education for everyone. Students interested in becoming practicing engineers will clearly benefit from this course content.

**Open to grades:** 9,10,11,12

**Length:** One Year

**Credit:** 1

**Prerequisite:** None

**Course Cost:** \$10

### **Pop Culture in History 2**

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:** 9-12

**Length:** ½ year

**Credit:** .5

**Prerequisite:** Pop Culture in History 1

**Course Cost:** TBD

### **The Greatest Generations**

The course explores the story of how Americans endured the Great Depression and eventually prevailed in their struggle against totalitarianism during World War II. We will focus on how these events shaped the nation as Americans made sacrifices and changes at both the personal and national levels. The course will include a detailed study the 5 Cs of the Great Depression and World War II: Causes, Concepts, Characters, Conflict, and Consequences.

The class will include lecture, discussion, videos, small groups and project based learning. We will emphasize the use film and the literature as an approach to the study two cataclysmic events of the 20<sup>th</sup> century and the people who experienced them.

**Open to grades:** 9-12

**Length:** ½ year

**Credit:** .5

**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.

**EOC 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 9weeks to be eligible the next 9 weeks.

**Students attending Apollo**

*9<sup>th</sup> and 10<sup>th</sup> grade at HN:*  
 English I and II  
 ½ credit Health  
 ½ credit Physical Education (1/4 can be taken 8<sup>th</sup>)  
 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)  
 1credit of a fine art (band, choir, art NOTE: can be done in Junior High)  
*11<sup>th</sup> grade at Apollo:*  
 Lab- 3cr., Related 1 cr., Int. English III 1 cr., Math 1cr., Social Studies 1cr.  
*12<sup>th</sup> 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 \_\_\_\_\_

<b>Year 1</b>	<b>Check</b>	<b>Year 2</b>	<b>Check</b>	<b>Year 3</b>	<b>Check</b>	<b>Year 4</b>	<b>Check</b>
English I _____		English II _____		English III _____		English _____	
PE II or Waiver _____		Am. History _____		. Science Class _____		Math if need 4th _____	
Physical Science _____		Biology I _____		Math _____		Elective _____	
Math cr. _____		Math _____		Gov't _____		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*	0.50 cr	8-12
___(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!

___(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)

___(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

___(202) American Gov't	1 cr	11-12
___(200) American Gov't DC (dual cr.)	} 1 cr	11-12
___(205)US History DC from 1877 (dual cr)		11-12
___(201) Microeconomics DC (dual cr.)	} 1 cr	11-12
___(204) US History DC to 1877(dual cr.)		11-12
___(301) American History*	1cr	10
___(260) World History*	1cr	9
___(264) Civil War	.5 cr	9-12
___(265) Defining Moments in History	.5 cr	9-12
___(266) Battle of Gettysburg	.5 cr	9-12
___(267) American Leaders	.5 cr	9-12
___(268)Pop Culture in History 1	.5 cr	9-12
___(269) Pop Culture in History 2	.5 cr	9-12
___(270) The Greatest Generation	.5 cr	9-12

**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.

___(581) Ag, Food, NR (lab).5 cr sci, .75 cr elect		9-12
___(586) Plant/animal Science (lab).5 cr sci, .75 cr elect		10-12
___(588) Natural Resources (lab).5 cr sci, .75 cr elect		11-12
___(590) Food and Meat (lab) .5 cr sci, .75 cr elect		11-12
___(587) Advanced Animal Sci. .5 cr sci. .75 cr elective		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 (dual cr)	1cr	12
___(515) Symphonic/Marching Band	1 cr	7-12
___(516) Concert Choir	1 cr	9-12
___(517) Pop A Capella Choir (pre per.)	1 cr	7-12

**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
___(569) STEM I	1 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
___(584)Ag Business Leadership	1.25 cr.	12
___(566) Lit Appreciation (dual cr)	1 cr	11-12
___(567) Journalism & Publications	1 cr	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
___(SH) Study Hall- Maximum of 1	0 cr	7-12

**Suggested/Possible Schedule for graduating on time**

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

Student Signature \_\_\_\_\_

Parent Signature \_\_\_\_\_