



Where Eagles Learn to Soar

Liberty-Benton High School

2020-2021 Course Descriptions

***The choices you make
today dictate the life you
lead tomorrow.***

AGRICULTURAL & ENVIRONMENTAL SYSTEMS

Each student in the Agricultural Education program is required to have a plant, animal, research, or job placement, Supervised Agriculture Experience (SAE) project in addition to an improvement/community service project. Each student is also a member of the National FFA Organization.

Ag I: Agriculture, Food and Natural Resources (381)

Prerequisite:	None	Grades:	9
Credit:	1.25	Cost:	Class Fee + \$20 FFA Dues
Length:	1 year		

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

Ag II: Animal & Plant Science (382)

Prerequisite:	Ag I or teacher approval	Grades:	10
Credit:	1.25	Cost:	Class Fee + \$20 FFA Dues
Length:	1 year		

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

Ag III: Agricultural Business (383)

Prerequisite:	Ag I & II or teacher approval	Grades:	11, 12
Credit:	1.25	Cost:	Class Fee + \$20 FFA Dues
Length:	1 year		

This class is for those students interested in owning, operating, or understanding the workings of different types of businesses. This course will focus on business as it relates to the agricultural industry, but what is learned in this class can very easily be applied to different types of industries. Some of the things students can expect to take away from this class are: how to structure a business, how to/actually develop a business plan, engage in sales and marketing, examine bio-security, manage purchasing and inventory for a business, identify different career development and human resources techniques, and practice business leadership. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Ag IV: Mechanical Principles (384)

Prerequisite:	Ag I, II, & III or teacher approval	Grades:	11, 12
Credit:	1.25	Cost:	Class Fee + \$20 FFA Dues
Length:	1 year		

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

Ag IV: Animal Health (387)

Prerequisite:	Ag I, II, & III or teacher approval	Grades:	11, 12
Credit:	1.25	Cost:	Class Fee + \$20 FFA Dues
Length:	1 year		

Students will examine causes, symptoms, and treatment of common diseases with emphasis on developing preventative health management plans. Topics will include the study of pathogens, and classifying types of diseases and disorders. Students will perform animal health assessments and compare to standard characteristics. Throughout the course, students will utilize principles of technology to manage information systems, and research issues affecting the industry.

Advanced Ag: Food Science and Technology (385)

Prerequisite: Ag I, II, & III or teacher approval

Credit:	1.25	Grades:	12
Length:	1 year	Cost:	Class Fee + \$20 FFA Dues

Students will examine the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine nutrient content and their chemical makeup, while applying principles of chemistry to the development of food products. They 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.

Advanced Ag: Agricultural Capstone (386)

Prerequisite: Two or more Agricultural & Environmental System course

Credit:	1.25	Grades:	11 & 12
Length:	1 year	Cost:	Class Fee + \$20 FFA Dues

This course is designed for the serious senior with a career interest in any agricultural field. Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. This advanced course will be scheduled as an independent study during the school day and it may be taken simultaneously with offered agricultural classes.

ARTS

Art I (300)

Prerequisites:	None	Grades:	9-12
Credit:	1	Cost:	Class Fee (for materials)
Length:	One year		

Art I is an introduction to the components which create a work of art; form (the organization) and content of work. Heavy emphasis on basic fundamentals of drawing, painting, small sculpture and design layout.

Drawing I (340)

Prerequisites:	Art I	Grades:	10-12
Credit:	.5	Cost:	Class Fee (for materials)
Length:	1 semester		

Drawing I is a study in several approaches to illustration using various mediums and techniques of application.

Drawing II (341)

Prerequisites:	Art I & Drawing I	Grades:	10-12
Credit:	.5	Cost:	Class Fee (for materials)
Length:	1 semester		

Drawing II expands on techniques covered in Drawing I, but covers a broad range of media including: pencil, conte crayon, pastels, colored pencil, and illustration markers.

Painting I (342)

Prerequisites:	Art I	Grades:	10-12
Credit:	.5	Cost:	Class Fee (for materials)
Length:	1 semester		

Students are provided with introductions to such painting mediums as ink wash, tempera, oil and watercolor.

Painting II (343)

Prerequisites:	Art I & Painting I	Grades:	10-12
Credit:	.5	Cost:	Class Fee (for materials)
Length:	1 semester		

Paint II is an advanced course which allows students to work in tempera and acrylics with an emphasis on oil and watercolor.

Hand-built Ceramics (344)

Prerequisites: Art I
Credit: .5
Length: 1 semester
Grades: 10-12
Cost: Class Fee (for materials)

This course is a study in the construction and modeling of clay. Techniques covered include: coil building, slab, and modeling.

Wheel-thrown Ceramics (345)

Prerequisites: Art I
Credit: .5
Length: 1 semester
Grades: 10-12
Cost: Class Fee (for materials)

This is an introductory level class which emphasizes wheel thrown pottery.

Computer Graphic Design (346)

Prerequisites: Art I
Credit: .5
Length: 1 semester
Grades: 10-12
Cost: Class Fee (for materials)

Students will be exposed to a commercially-oriented art class with an emphasis on the computer and digital media.

Digital Photography (347)

Prerequisites: Art I
Credit: .5
Length: 1 semester
Grades: 10-12
Cost: Class Fee (for materials)

Digital cameras, image manipulation and printing are the topics for this course. Photoshop will be the software used.

Creative Arts (348)

Prerequisites: Art I
Credit: .5
Length: 1 semester
Grades: 10-12
Cost: Class Fee (for materials)

Students explore such mediums as clay, glass jewelry, calligraphy, batik, copper jewelry, and monotypes.

Advanced Art/Independent Studies (350)

Prerequisites: Art I and a minimum of (2) two additional art offerings with a B average or better.
Credit: .5
Length: 1 semester
Grades: 11-12
Cost: Class Fee (for materials)

This course is for the serious art student focusing on portfolio development and strengthening specific art skills and methods. Students' accumulated artwork will be evaluated and/or enhanced for compilation in their personal portfolio. In addition, in-depth projects will be formed from related subjects offered in art, and grades will be an evaluation of projects completed according to a contractual agreement. This advanced course will be scheduled as an independent study during the school day and it may be taken simultaneously with offered art classes.

Mixed Chorus (311)

Prerequisite: None (Students moving into the district must have previous choral experience at their former school to join chorus mid-year.)
Credit: 1
Length: 1 year
Grades: 9-12
Cost: Solo and ensemble fees for those participating

Mixed Chorus will offer the students participation in a variety of musical experiences. These may include singing classical, sacred, and contemporary literature. Maintain the line of one part within the framework of two-four part choral music, Develop good vocal technique with proper breath support, blend, balance, diction, and tone production, Identify musical terminology and concepts such as dynamics, tempo, phrasing, intonation, etc., Sing a variety of music of many styles, including classical, sacred, secular, popular, and contemporary, Encouraged to be involved in the Winter Musical as well as Solo and Ensemble Adjudicated Events, Perform for OMEA District and possibly State Adjudicated Events in the spring.

Take responsibility for being present and contributing to ALL classes, rehearsals, and performances.

Advanced Chorus (312)

Prerequisite: At least one year in Mixed Chorus or a comparable group from another district OR by audition if student has not been in mixed chorus for a year.

Credit: 1 Grades: 11-12
Length: 1 year Cost: Solo and ensemble fees for those participating

Advanced Chorus will offer the students participation in a variety of musical experiences. These may include singing classical, sacred, and contemporary literature. This course is an advanced continuation of Mixed Chorus for participation of junior and senior students. Students in this course will be held to higher standards of excellence and will be expected to take responsibility for the quality of their performances. Maintain the line of one part within the framework of four-twelve part choral music, Continue to develop vocal technique with proper breath support, blend, balance, diction, & tone production, Identify musical terminology and concepts such as dynamics, tempo, phrasing, intonation, etc., Sing a variety of music of many styles, including classical, sacred, secular, popular, and contemporary, Strongly encouraged to be involved in the Winter Musical as well as Solo and Ensemble Adjudicated Events, Perform for OMEA District and possibly State Adjudicated Events in the spring.

Take responsibility for being present and contributing to ALL classes, rehearsals, and performances.

High School Band (310)

Prerequisite: Middle School Concert Band or previous experience playing a band instrument preferred

Credit: 1 Grades: 9-12
Length: 1 year
Cost: band camp, uniform dry cleaning, shoes, shirt, gloves, instrumental repair

Liberty-Benton High School Bands offer all students an opportunity to creatively express him/her through the combined efforts of instrumental ensemble playing. This is a performance-oriented group, which serves a multi-faceted purpose: Publicly, it provides music for football games, basketball games, as well as being showcased in public/school concerts throughout the year. Socially, it serves as a group where students of like interests can join to share their talents, as an opportunity to foster leadership, musicianship, friendship, and team building. Most importantly, educationally, the band serves as a class to learn about music, develop excellent musical skills, as well as experience accomplishments that derive from competitive and non-competitive teamwork.

The following sub-groups comprise the Liberty-Benton High School Bands:

MARCHING BAND-Fall will: Performs at all football games, as well as several marching band competitions, It is required that ALL students involved in the Band Program are to participate in the MARCHING BAND in some capacity, It should be understood that there are additional after school rehearsals for the MARCHING BAND. All additional rehearsals are discussed with the coaches of athletic teams to avoid any conflicts with students who are involved in both.

CONCERT BAND-Winter and spring will: follow at the end of marching season, performing at several concerts as well as Large Group Adjudicated Events (as hosted by The Ohio Music Education Association), It is required that ALL students involved in the Band Program are to participate in CONCERT BAND.

GOALS OF THE CURRICULUM: To develop competent musicians, develop and foster an appreciation for music, To expose students to a wide variety of music and playing opportunities, To understand a wide musical vocabulary, Implementation of the Nine Standards set for the music by the Music Educators' National Conference.

It is to be understood that ALL rehearsals and performances are REQUIRED.

Music Theory & Appreciation (314)

Prerequisite(s): 1 year HS Band or Choir Co-Requisite: HS Band or Choir
Credit: 1 Grades: 11, 12
Length: 1 year Cost: Class Fee

This is an introduction to Music Theory through the learning of scale patterns, chords, melody, harmony, ear training, composition, and part writing. This course is also designed to introduce representative musical masterworks to high school students. Music Appreciation is a study of the materials of music, including basic elements, mediums, styles, and form is presented as an aid to understanding and enjoying music. The listening to and analysis of recordings is included. The topics studied will include basic music terms, musical time periods, the history of jazz, musicals, origins of today's pop music and discussing the aesthetic values of music.

CAREER

Computer App. in the Workplace (460) CCP credit through Rhodes State College (708 – CPT 1250). See pag19.

Prerequisite(s):	None	Grades:	9-12
Credit:	.5	Cost:	Lab Fee
Length:	1 semester		

Students will lean an overview of Microsoft Office 365 and G Suite applications. Using Windows 10, students will learn to use Office and G Suite applications to work with word processing, presentation programs, spreadsheet programs, etc. Students will learn how to integrate the various Office and G Suite applications; practice improving their typing skills, explore the etiquette and differences between various digital communications as well as online etiquette and safety; learn the computer organization skills that will save time and improve their workflow; and navigate, organize, and upload content using a PC to the LMS Schoology.

Career Exploration (465)

Prerequisite(s):	None	Grades:	11-12
Credit:	.5	Cost:	None
Length:	1 semester		

This course will guide students through the process of looking for a job, applying, and keeping a job. Students will learn about networking, filling out an application, creating a cover letter and resume, and the interview process. In addition to researching various jobs, students will explore their own interests and investigate how these interests relate to different careers. Students will interact with guest speakers on a weekly basis in order to learn more about different careers and career paths. A three-hour job shadow experience is a requirement of this course.

Computer Assisted Drafting I (466) CCP credit through Rhodes State College (706 – MET 1000). See pag19.

Prerequisite(s):	None	Grades:	11-12
Credit:	.5	Cost:	Lab Fee
Length:	1 semester		

This course will briefly explore basic board drawing techniques followed with an introduction to the fundamentals of drawing with AutoCAD software. Students will learn to setup drawings, use on screen tools to draw, reshape and manipulate objects in both two dimensional and three dimensional worlds. Students will learn how to modify objects using both mouse and keyboard. A broad coverage of blueprints, symbols, views and dimensioning standards are just a few areas that will be explored through CAD applications. Students will reproduce drawings using peripherals such as plotters and printers. If you are interested in any type of design or engineering field, or graphics manipulation, this course is a must for your college prep electives.

Basic Manufacturing (467) CCP credit through Rhodes State College (718 – IMT 1020). See pag19.

Prerequisite:	None	Grade:	12
Credit:	.5	Cost:	None
Length:	1 semester		

This course is perfect for students who want to explore career options available directly after high school graduation or will help prepare students heading to college in a manufacturing-related field by giving them valuable industry insight and potential advancement opportunities. Emphasis on refining valuable job skills such as working as a team, communication techniques, efficiency, and dependability, students receive an overview of the manufacturing industry, learn basic workplace safety requirements, are exposed to integrated systems concepts, and review math and measuring skills required by many employers. Class will include group work, self-study, lecture, and hands-on learning experiences. Students will also have the opportunity to visit area manufacturing facilities and interact with their staff to learn about different techniques required to produce goods and services in today's world as well as attend local career fairs. Working with the Career Network Coordinator, internship and job shadowing opportunities can be secured based on individual interest and availability beginning the following semester. Upon successful course completion, students will have an application-ready resume, a basic manufacturing credential issued by the West Central Ohio Manufacturing Consortium, an Integrated Systems Certification, and an opportunity to earn a National Career Readiness Certificate, along with the possibility of receiving two credit hours through Rhodes State College's IMT 1020 course for students who meet admission requirements. Students can earn the OhioMeansJobs-Readiness Seal which formally designates that a student has the personal strengths, strong work ethic and professional experience that businesses need through the demonstration of certain professional skills required for success in the workplace. Students work with at least three experienced and trusted mentors who validate these skills in school, work or the community.

Robotics I (468)

Prerequisite:	None	Grades:	10, 11, 12
Credit:	.5	Cost:	None
Length:	1 semester		

This is a beginning course in robotics. We use VEX V5 robot kits & basic block language. The objective of this course is to introduce students to basic programming & problem solving strategies by building & programming robots to complete a variety of projects and challenges. This course will involve students in the development, building & programming of a basic robot. Students will work in teams to design, build, program and document their progress. The course covers a variety of robot behavior that includes, but is not limited to: how to collaborate in groups and teams, how to design/build robots for specific activities and scenarios, & how to use supported programming software to control the robot. Students will also learn about gears, pulleys, torque, friction, timing, sensors, & program loops.

Robotics II (471)

Prerequisite:	Intro to Robotics C- or higher		
Credit:	.5	Grades:	10, 11, 12
Length:	1 semester	Cost:	None

This is an advanced course in robotics that uses the same robot as in Robotics 1, but uses text based programming code similar to C++ and a variety of input devices, such as line trackers, vision sensors, and rangefinders. This is a project based course. The course covers a variety of robot behavior that includes, but is not limited to: how to collaborate in groups and teams, how to design/build robots for specific activities and scenarios using a variety of input sensors, and how to use supported programming software to control the robot. Students will also learn about gears, pulleys, torque, friction, timing, sensors, and program loops, and logic statements.

Computational Thinking (470)

Prerequisite(s):	Application		
Credit:	.5	Grade:	10, 11, 12
Length:	1 semester	Cost:	None

Computational Thinking is an independent study that is a hands on study of technology problem solving in an educational context. Students in this course students will develop and employ strategies for understanding and solving problems in ways that leverage the power of technology. Students will be required to assess problems throughout the course and define the best approach to address and solve the problems. Twenty percent of the course will be a student defined project in one of four areas: innovation, design, entrepreneurship or applications and develop a project which positively impacts the community. See Mr. Trusty for application.

Digital Electronics (469)

Prerequisite:	None		
Credit:	.5	Grades:	10, 11, 12
Length:	1 semester	Cost:	None

Digital Electronics is the study of electronic circuits that are used to process and control digital signals. From smartphones to appliances, digital circuits are all around us. In this class, students will learn the basics of circuit design, how computers communicate with the help of binary numbers, and how to develop program logic that uses inputs and outputs for simple microcomputers like the Arduino.

Work-Based Learning (472)

Prerequisite:	Junior or Senior Status and Principal/ Counselor Permission		
Credit:	1 for class. Max of 2 for work	Grades:	11, 12
Length:	1 Year	Cost:	None

Work-based learning experiences are conducted at a work site during or after school. Work-based learning is designed to provide authentic learning experiences for students that link academic, technical and professional skills. Students will have a one period class including activities finding and maintaining employment, money management, understanding taxes, banking, job safety, vocabulary study, buying a used vehicle, and healthy living. Students who have met their academic requirements for graduation may be released from school, providing their own transportation, to go to a work site where they will gain valuable work or internship experience. Through this experience, students will build the knowledge, skills and self-confidence to be successful in higher education, in the workplace and in life. Students must maintain regular attendance and passing grades in academic classes or lose their afternoon work privileges. Business and education partners work together to evaluate and supervise the experiences.

Students can earn up to two credits per academic year through Work Study/Internship. 120 hour is needed per credit. This program is not offered during the summer. Only hours completed during the academic year will count for credit.

FAMILY & CONSUMER SCIENCE

Foods I (411)

Prerequisite(s):	None		
Credit:	.5	Grade:	9, 10, 11, 12
Length:	1 semester	Cost:	Lab Fee

Learn how to succeed in the kitchen! This semester course will provide you with the basic cooking and baking skills needed to prepare a variety of foods. You'll learn the basics of kitchen safety and sanitation, about kitchen equipment and food prep, how to read recipes and measure ingredients, and how to slice and dice food. You will compare convenience and made-from-scratch foods, and elevate common store-bought ingredients, while preparing popular and new sandwiches, soups and salads and other fun and tasty foods.

Foods II (412)

Prerequisite(s): Foods I
Credit: .5
Length: 1 semester
Grade: 9, 10, 11, 12
Cost: Lab Fee

Building on skills developed in Foods I, this semester courses that focuses on more advanced cooking and baking skills, so you can tackle more difficult recipes while being creative with ingredients from the different food groups including fruits, vegetables, grains, eggs and dairy. You will learn to plan, prepare and present quick and nutritious meals in the microwave, on the stove top, and in a conventional oven, while developing teamwork, time management and problem-solving skills.

Global Gourmet (413)

Prerequisite: Foods I
Credit: .5
Length: 1 semester
Grades: 9, 10, 11, 12
Cost: Lab Fee

Experience a taste of the world in 90 days as you broaden your knowledge and develop an appreciation of the cuisines, ingredients, cooking methods, food history, customs and traditions of various countries and cultures. You will develop more advanced cooking and baking skills as you prepare foods from various regions of the United States and other continents such as Europe and Asia.

Foods for Life (414)

Prerequisites: Foods I
Credit: .5
Length: 1 Semester
Grades: 9, 10, 11, 12
Cost: Lab Fee

Foods that look good, taste good and are good for you is the focus of this semester course. You will have the opportunity to look at your personal eating habits and gain a greater understanding of how your food choices impact your health for a lifetime. Emphasis will be on choosing and preparing foods with an understanding of the nutrients and their benefits, portion control and the USDA dietary guidelines. You will learn more advanced cooking and baking skills as you prepare new and exciting recipes, make-over some traditional favorites, and expand your eating choices.

Baking and Pastry Foundations (416)

Prerequisite: Foods II or Foods for Life
Credit: .5
Length: 1 semester
Grade: 10, 11, 12
Cost: Lab Fee for food labs

In this semester course, you will build on the basic baking skills learned in Foods I and II, as you explore the science and art of baking. You will learn the function of various ingredients and more advanced baking principles including methods of mixing and shaping batters and doughs. You will gain hands-on experience creating a variety of baked goods including quick breads, cakes, cookies, pies, pastries and other desserts.

Meals in Minutes (420)

Prerequisite: Foods II or Foods for Life
Credit: .5
Length: 1 semester
Grade: 10, 11, 12
Cost: Lab Fee

Cooking healthy meals at home doesn't have to be a time-consuming chore. This semester class will focus on making quick, easy and nutritious meals—preparing recipes that take 15-30 minutes to make. You will learn about once a month cooking, using leftovers, elevating convenience foods with fresh ingredients and using today's time saving appliances. You will develop skills in meal and menu planning and budgeting. You will need to prepare meals at home 4-6 times during the semester. After completing this course, you can have a fresh and delicious dinner on the table before the fastest restaurant can deliver to your door.

Intro to Fashion and Interior Design (417)

Prerequisite: None
Credit: .5
Length: 1 semester
Grade: 9, 10, 11, 12
Cost: Lab Fee

From the clothes we wear to the homes we live in, fashion and interior design is all around us. This semester course will provide you with opportunities for experimenting with the elements and principles of design as you develop your personal fashion and interior design style. Topics will include the history of fashion, famous fashion designers, current fashion trends, wardrobe planning and costuming, major interior design styles and furnishings, room decorating and furniture arranging. This course is project based and will include making a hand-sewn item. (No figure or technical drawing, CAD or sewing machine use is included).

Child Development (419)

Prerequisite:	None		
Credit:	.5	Grade:	11, 12
Length:	1 semester	Cost:	Lab Fee

Studying children and child development is important if parenthood may be in your future. The focus of this semester course is on meeting children's physical, social, emotional and intellectual needs. Topics will include the roles and responsibilities of parenting; discipline techniques, choosing food and toys for children; and nurturing and guiding a child from birth through preschool. This class will help you explore the joys and challenges of parenting.

FOREIGN LANGUAGE

Spanish I (185)

Prerequisite:	"C" (or better) in English or permission of instructor		
Credit:	1	Grade:	9, 10, 11, 12
Length:	1 year	Cost:	None

Spanish I will emphasize understanding the spoken and written language. It will also include learning about the people and customs of Spanish-speaking countries. Students will: Show ability to pronounce and use every day Spanish, especially sounds unique to the Spanish language, Understand and use every day Spanish vocabulary and expressions. (Days, greetings, telling time, weather), Demonstrate knowledge of Spanish culture and geography of Spanish-speaking countries, Use the target language in oral presentations, simple conversations, and simple compositions, Be able to understand aspects of sentence structure and simple grammar structure, Student will be able to read and write paragraphs, dialogues, or letters relatively error free, Understand Spanish spoken by the teacher appropriate for their level.

Spanish II (186) CCP credit through Rhodes State College (713 – SPAN 1010). See pag19.

Prerequisite:	Spanish I		
Credit:	1	Grade:	9, 10, 11, 12
Length:	1 year	Cost:	Project Supplies

Spanish II will expand on vocabulary and ideas learned in Spanish I. More emphasis will be given to grammar, reading, listening, writing, and speaking skills. Students will: Be able to reproduce all sounds of the Spanish language, continue to learn more about Spanish culture and geography, Use Spanish in oral presentations, conversations, and partner practice, expand in oral and written grammatical skills, further their everyday Spanish vocabulary and include common idioms and expressions, Understand Spanish spoken by the teacher appropriate for their level.

Spanish III (187) CCP credit through Rhodes State College (714 – SPAN 10200). See pag19.

Prerequisite(s):	Spanish II		
Credit:	1	Grade:	10, 11, 12
Length:	1 year	Cost:	Project Supplies

Spanish III class is conducted primarily in Spanish in which students are expected to participate Students will focus on communication, while expanding their knowledge of the language and culture. Students will: Be expected to demonstrate and understand an advanced use of the vocabulary, including specialized vocabulary, Demonstrate the ability to correctly recognize and use Spanish grammar, Carry on conversations and participate in impromptu discussions in Spanish, Be able to write short compositions and dialogues that are relatively error free, Continue to develop listening and reading skills, Create written and oral projects in Spanish, Understand Spanish spoken by the teacher appropriate for their level.

Spanish IV (188) CCP credit through Rhodes State College (710 – SPAN 2010). See pag19.

Prerequisite(s):	Spanish III		
Credit:	1	Grade:	11, 12
Length:	1 year	Cost:	None

Spanish 4 will develop your Spanish proficiency as you continue to become acquainted with the diverse Hispanic cultures. The course reviews some of the material presented in earlier levels and introduces additional vocabulary, phrases and grammar structures with emphasis on authentic communication in meaningful cultural contexts. The goal is to improve your listening and speaking skills and develop reading and writing skills so that you can perform in a Spanish-speaking environment. You will continue learning elements of Hispanic cultures directly in Spanish and become increasingly aware of the differences between your own culture and those in Hispanic countries. Learning vocabulary and grammar is not the end goal of this course; it is a means to develop your abilities to communicate. You will not only receive explicit instruction on learning strategies for the development of interpretive, interpersonal presentational communication skills, but also on problem-solving strategies oriented toward more effective communication with Spanish speakers. The in-class setting will be highly interactive, taught only in Spanish, with emphasis on student-centered activities, often involving work in pairs or small groups. It is extremely important that you come well prepared to class.

Individual Fitness (430)

Prerequisite: Completion of at least one semester of high school physical education or instructor permission
Credit: .25 Grades: 9, 10, 11, 12
Length: 1 semester Cost: Appropriate gym attire

Each student will be tested and the results of these tests will be used by each student to develop and apply an individual fitness program. The activities for the course are as follows: use of weight machines, treadmill, elliptical, bike, jump ropes, exercise balls, plyometric boxes and other equipment.

Conditioning & Weight Training (431)

Prerequisite: Completion of at least one semester of high school physical education or instructor permission
Credit: .25 Grades: 9, 10, 11, 12
Length: 1 semester Cost: Appropriate gym attire

This course will teach the value of weight training & conditioning to all students. Increased strength, improved self-esteem, changing body composition, and injury prevention are a few of the goals of this course. Individual goals of both the athlete & non-athlete will be met. The student will have an individual training program & will be required to keep a journal of daily workouts. Class work will involve progressive training, tests, learning proper lifting form & spotting techniques.

LANGUAGE ARTS

English 9 (200)

Prerequisite(s): None
Credit: 1 Grades: 9
Length: 1 year Cost: Novel Fee

English 9 incorporates a development of grammar, composition, and literature, as well as a study of vocabulary. Students will: Read, discuss and evaluate the short story, nonfiction, poetry, drama, and the novel, Further their understanding of library skills and MLA citations by researching for a persuasive and environmental/social/political paper, Broaden their knowledge of vocabulary words and expand their word choice, Develop recognition of parts of speech and common errors in convention, Develop composition skills in subject/verb agreement, sentence structure, capitalization, punctuation, organization and support, using examples, opinion and fact.

English 10 (202)

Prerequisite(s): English 9
Credit: 1 Grades: 10
Length: 1 year Cost: Novel Fee

English 10 concentrates on fiction and non-fiction texts, speaking and listening, viewing and visually representing, and composition. Student will analyze novels, historical documents, short stories, poetry, speeches, and themes across different media and texts. They will demonstrate their analytical ability through writing, projects (individual and group), presentations, speeches, and classroom discussion. Compositions will focus on college style writing exploring narrative, informative, and persuasive essays as well as literary analysis while adhering to proper formatting guidelines and including in-text citations and Works Cited pages when applicable. Students will continue to develop vocabulary and word usage skills as well as demonstrate appropriate use of the English language in spoken and written format.

English 11 (204)

Prerequisite(s): English 9 & 10
Credit: 1 Grades: 11
Length: 1 year Cost: Novel Fee

English 11 explores the history and continuity of American literature and emphasizes the development of writing skills and vocabulary. The students will complete a term paper in the spring, along with a variety of reading assignments and written essays. Students will study the origin and development of American literature and major literary movements. Students will write paragraphs, essays, and reports on a variety of topics to demonstrate analytical and critical abilities. Students will continue to develop vocabulary and word usage skills. Students will study the characteristics and importance of style in both reading and writing.

English 12 (206)

Prerequisite(s): English 9, 10, & 11
Credit: 1 Grades: 12
Length: 1 year Cost: Novel Fee

English 12 encompasses a sampling of the British literature curriculum from the Anglo-Saxons through the 21st century, while incorporating informative texts from present day issues. There will be a variety of genres used to achieve this: short stories, poems, novels, plays, and articles. There will be essays assigned that are personal, persuasive, informative, and narrative. College admittance essays and scholarship essays will also be addressed. At various times throughout the course there will be projects assigned, both individual and group, and speaking and listening skills will be assessed. Most of the class is paperless, so students will be expected to use technology to access handouts, articles, books and Google Drive.

English Composition (715) CCP credit through Rhodes State College COM 1110. See page 19.

Prerequisite(s): English 9, 10, & 11
Credit: .5 Grades: 12
Length: 1 semester Cost: None

Composition provides practice in organization and effective expression of ideas through writing. The variety of writing includes narratives, abstracts, technical, persuasive, and analytical writings. MLA8 citations will be used and an extensive persuasive essay is a culminating project of the class. Revision and peer feedback is used throughout the class. Most of the class is paperless, so students will be expected to use technology to edit, share, and access handouts and articles.

Composition & Literature (716) CCP credit through Rhodes State College COM 2400. See page 19.

Prerequisite(s): English Composition
Credit: .5 Grades: 12
Length: 1 semester Cost: Novel Fee

Composition & Literature builds on the writing foundational skills introduced in English Composition and emphasizes critical thinking and communication skills to promote skilled academic writing. Using literature as the course content, students focus upon essay writing in multiple genres. This course aims to develop the student's ability to communicate ideas about literature effectively by using the principles of the writing process. Most of the class is paperless, so students will be expected to use technology to access handouts, articles, books, and Google Drive.

Public Speaking (209) CCP credit through Rhodes State College (717 – COM 2100). See page 19.

Prerequisite(s): English 9, & 10
Credit: .5 Grades: 11, 12
Length: 1 semester Cost: None

Public Speaking covers the main types of speeches: informative, demonstrative, impromptu, and persuasive. Students will write their own speeches, present them to the class, and have a visual for each speech. They will also use peer evaluation to help improve speaking skills.

World Mythology (222)

Prerequisite(s): None
Credit: .5 Grades: 11, 12
Length: 1 semester Cost: Novel Fee

In World Mythology, students will explore myths, stories, and the hero's journeys from all around the globe through movies, literature, essays, and individual projects. Joseph Campbell's studies of The Hero's Journey as discussed in *The Power of Myth* will be utilized as a basis for comparison throughout the semester. *Students who enjoy reading, working independently, and developing cultural awareness would enjoy this new humanities class.*

Reading Survey (221)

Prerequisite(s): None
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: Novel Fee

Reading Survey is designed to strengthen students' critical reading and thinking skills, improve their academic literacy, and expand their literary foundation. Through a framework of meaningful content, on-going assessment, and focused, explicit instruction, students will evaluate literature of diverse formats (e.g. print media, web-based texts, literary and informational books, articles and speeches) and varied genres (including autobiography, mystery, fantasy, sci-fi, and nonfiction to name a few). Additionally, students will demonstrate competencies through purposeful applications based on individual and collective literacy goals. Students who enroll in this course should expect regular reading assignments and be prepared to engage in meaningful discussion on a daily basis.

Yearbook I, II, III, and IV (360, 361, 362, 263)

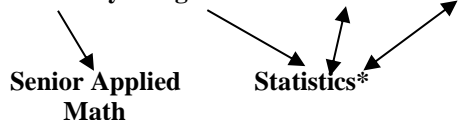
Prerequisite: Application
Credit: 1 Grades: 9, 10, 11, 12
Length: Full Year Cost: None

This course will be in charge of producing the high school annual. Basic concepts of running a business will be covered. Topics such as raising money through ad campaigns and patrons, cutting costs to maintain a positive balance, meeting your customer's needs and wants, and seeing a project from start to completion will be taught. When a student leaves this class they will have experience in completing short and long-term goals and working as a team. They will also have samples of their work to show college recruiters and business professionals. The class is primarily project oriented, giving students a hands-on approach to learning. Evaluations will be based primarily on deadline completions and class contributions.

MATHEMATICS

Liberty-Benton Mathematics Sequence

Pre-Algebra → Algebra I → Geometry → Algebra II → Pre-Calculus → Calculus*



Pre-Algebra (102)

Prerequisite(s): None

Credit: 1

Length: 1 Year

Grades: 9

Cost: None

Pre-Algebra is the first class of the minimum-graduation requirement mathematics sequence. This course will differ from the Pre-Algebra course offered in the middle school in that it will expand on all the basic Algebra principles. This course will directly relate to the Algebra standards required on the Ohio Graduation test. This is NOT a college prep course. Topics covered will include: Mathematical operations involving integers, whole numbers, real numbers, rational numbers, and irrational numbers, Mathematical operations involving fractions, decimals, and exponents, Expressions and operations involving scientific notation, Collecting and organizing data, representing data with tables and graphs, Solving equations and equalities, Evaluating functions and graphs, Polynomials.

Algebra I (103)

Prerequisite(s): Pre-Algebra

Length: 1 Year

Cost: Students are encouraged to have a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator

Credit: 1

Grades: 9, 10

Algebra I is the first of the 'core' college-preparatory math courses, but is not restricted to those who intend to go to college. Topics from Pre-Algebra are reviewed, included arithmetic of signed numbers and solving simple linear equations. Also taught are factoring, solving linear inequalities and quadratic equations of 1 variable, and solving equations and simplifying expressions that involves algebraic fractions. Students will gain experience in setting up and solving systems of equations. The concept of a function is introduced and developed, and students are taught to evaluate and graph linear and quadratic functions.

Geometry (104)

Prerequisite(s): Algebra I

Length: 1 Year

Cost: Students need to have a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator as well as a compass and straight edge

Credit: 1

Grades: 9-11

Geometry is a core college-preparatory course open to students who have earned credit for Algebra I. Relationships of points, lines, planes, angles, circles, and polygons are taught and students are shown how to prove statements using various methods. Compass and straight edge constructions are done with emphasis on why they work. Area and volume of common geometric solids and figures are studied, as are topics of graph theory.

Algebra II (105)

Prerequisite(s): Geometry

Length: 1 year

Cost: Each student needs a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator

Credit: 1

Grades: 10-12

Algebra II is one of the core college preparatory math courses, but students who do not intend to go to college may enroll in the course. Topics from Algebra I are reviewed and extended. Arithmetic of polynomial and algebraic fractions, including factoring techniques, simplifications of radicals, and solving equations and in inequalities are taught. Students learn about negative and rational exponents, learn how to use the quadratic formula, and gain a better understanding of functions. They broaden their understanding of coordinate geometry, especially the equations of conic sections (circles, parabolas, ellipses, and hyperbolas). Topics also covered are complex numbers, trigonometry, matrices, exponential and logarithmic functions, probability, and statistics. Throughout the course there are many opportunities to solve real world problems.

Senior Applied Math (110) - This is not a college prep course or NCAA core course.

Prerequisite(s): Geometry

Length: 1 year

Cost: Students are encouraged to have a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator

Credit: 1

Grades: 12

This class is open to seniors seeking a fourth credit of mathematics and who are not on a college-prep track. This course does NOT meet NCAA guideline. The goal of this class is to promote reasoned problem-solving of algebraic principles through real-life scenarios and application. This is accomplished by investigating various concepts. These concepts include: extending understanding of real numbers to complex numbers, evaluating functions and their respective domain and ranges, best fitting statistics and data to graphs, performing operations on polynomials and extending basic trigonometric properties. Topics are not to these concepts, however, curriculum will be aligned to meet several common core Algebra II standards.

Pre-Calculus (106)

Prerequisite(s): Recommended “B-“or better in both Algebra II and Geometry
Credit: 1 Grades: 11, 12
Length: 1 Year
Cost: Each student needs TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator

Pre-Calculus is designed for the above average college bound student who plans to study college math at the level of calculus or beyond. Topics include but are not limited to: Trigonometry with its applications (including sinusoids and triangle trigonometry), Properties of Elementary Functions, Vectors (2-D and 3-D), Probability, Matrices, and Fitting Functions to Data, Polar Coordinates, Complex Numbers, Sequences, and Series.

Calculus (107) CCP credit through Rhodes State College (719 – MTH 1711). See pag19.

Prerequisite(s): Recommended “B-“or better in Pre-Calculus. CCP requires a 27 on the ACT Math or 296 on AAF Accuplacer score.
Credit: 1 Grades: 12
Length: 1 Year Cost: None

Calculus is for the student who plans to have a college major in sciences, engineering, economics, and/or business, and has completed all other college preparatory math courses offered at Liberty-Benton. Taught are the topics Functions, Limits and Continuity, Extrema, Mean Value Theorem, Curve Plotting the Derivative and its applications, and the Integral and its applications.

Statistics (109) CCP credit through Rhodes State College (712 – MTH 1260). See pag19.

Prerequisite: Strong A’s or B’s in mathematics, junior standing, and enrollment or completion of pre-calculus, although strong students who have completed Algebra II are also encouraged to apply. CCP requires a 21 ACT Math or 263 AAF Accuplacer score.
Credit: 1 Grades: 11, 12
Length: 1 year Cost: None

This course will cover exploratory data analysis, data collection, probability, and inference. It will feature data collection and analysis activities in addition to traditional lecturing. It will also emphasize clear communication of results. The course also requires a final project incorporating topics learned during the year. Many college majors require a Statistics class. This class is a great way to meet the college requirement, or get a head start in college coursework. Many students take this class concurrently with Pre-Calculus or Calculus.

SCIENCE

Physical Science (151)

Prerequisites: None
Credit: 1 Grade: 9
Length: 1 year Cost: Lab Fee

This course introduces the general physical and chemical factors that will prepare students to be successful in subsequent science courses preparing for college including Biology, Chemistry, and Physics. An inquiry-based approach will be used to emphasize the following areas of chemistry and physics: properties and changes of matter, atomic structure and the periodic table, force and motion, energy, as well as a few other areas. The curriculum includes quantitative analysis of many concepts and principles.

Biology (153)

Prerequisite(s): Physical Science
Credit: 1 Grades: 10, 11, 12
Length: 1 year Cost: Lab Fee

Biology is the study of all forms of life. In depth emphasis will be placed on the following areas: Properties and processes necessary for life. This includes the study of the cell, DNA, principles of heredity, and the history and evolution of life as it pertains to biological sciences, The diversity and interdependence of all life including various ecosystems and the interaction of living and non-living things, Historical perspectives, scientific approaches, and emerging scientific issues associated with the life sciences.

College Prep Chemistry (154)

Prerequisite(s): Recommended: Algebra I and Biology with a minimum grade of a “C”
Credit: 1 Grades: 11, 12
Length: 1 year Cost: Lab Fee

Students will explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Chemistry is a laboratory based class which encourages small group learning and will utilize both computer-based and traditional laboratory techniques to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include but are not limited to: measurement, dimensional analysis, physical properties of matter, atomic structure, electron configuration, periodic properties, chemical bonding, chemical reactions, the mole & stoichiometry, gases, acids & bases. The main goal of this course is to provide a solid foundation in the study of matter and its changes. All students will develop methods of problems solving and proper laboratory technique.

Advanced Chemistry (155) CCP credit through Rhodes State College (700 – CHM 1110). See pag19.

Prerequisite(s): Algebra II with a minimum grade of a “C” and Biology with a minimum grade of a “B”. CCP requires 19 ACT math or 263 AAF Accuplacer score.

Credit:	1	Grades:	11, 12
Length:	1 year	Cost:	Lab Fee

Students will explore the fundamental principles of chemistry which characterize the properties of matter and how it reacts. Chemistry is a laboratory based class which encourages small group learning and will utilize both computer-based and traditional laboratory techniques to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures. Topics include but are not limited to: measurement, dimensional analysis, physical properties of matter, atomic structure, electron configuration, periodic properties, chemical bonding, chemical reactions, the mole, stoichiometry, gases and acids and bases. The main goal of this course is to provide a solid foundation in the study of matter and its changes. All students will develop methods of problems solving and proper laboratory technique. Students who take this class will be eligible to take Chemistry 1110 for College Credit Plus through Rhodes State College. This course will move at a faster pace and include additional topics than College Prep Chemistry.

Chemistry II (160)

Prerequisite(s): Recommended: Advanced Chemistry with a minimum grade of a “B”

Credit:	.5	Grades:	12
Length:	1 Semester	Cost:	Lab Fee

Students will pick up where they left off in Advanced Chemistry. Advanced chemistry topics will be reviewed and expanded upon. New topics include but are not limited to: intermolecular forces, thermal chemistry, oxidation/reduction, equilibrium and nuclear chemistry. Student will also perform qualitative analysis.

Biology II (161)

Prerequisite(s): Passing Biology with a minimum grade of a “B”

Credit:	.5	Grades:	11, 12
Length:	1 Semester	Cost:	Lab Fee

This semester long course discusses the branch of biology that deals with animals and animal life, including the study of the structure, physiology, development, taxonomy, and classification of animals. Some of the topics discussed include the classification of animals; invertebrates, including sponges, flatworms, mollusks, insects, arthropods, and echinoderms; and vertebrates, including fishes, amphibians, reptiles, birds, and mammals.

Required dissections of representative animals will help us learn about different anatomies. We will discover the relationships between different taxonomic categories of animals and the impact of different animals on people and each other. Evolutionary relationships will also be traced.

Environmental Science (158) – This is not a college prep course or NCAA core course.

Prerequisites: Biology

Credit:	1	Grades:	11, 12
Length:	1 year	Cost:	Lab Fee

Environmental Science is an introductory course designed to apply basic geology, chemistry, and biology to understanding the environmental impacts of human activities. Topics covered include water resources, conservation and pollution; soils and geological processes; energy resources and conservation; atmospheric processes and air pollution; solid and hazardous waste management; population dynamics; and biodiversity. The political, economic, social, and moral aspects of resource use and environmental impacts are also explored. This is a lab course and will expose students to a variety of lab and field techniques.

Physics (156) CCP credit through Rhodes State College (707 – PHY 1120). See pag19.

Prerequisite(s): Chemistry with a minimum grade of “C”; Algebra II with a minimum of a “C”. CCP requires 22 ACT Math score or 263 AAF Accuplacer score.

Credit:	1	Grade:	12
Length:	1 year	Cost:	Lab Fee

This course of physics is designed to introduce physics to students with a wide range of backgrounds and abilities. The class will show students how physics relates to their lives and the world around them. There is emphasis on mechanics, specifically motion and the forces that cause the motion. We also cover a variety of other topics including: momentum, energy, work, power, waves, fluids, and thermodynamics. The course uses the modeling format of learning which is a hands-on approach. Students develop a thorough understanding of the key concepts and how to apply them to real life situations. Key methods of learning include: interpretation and analysis of data, graphical analysis, vector analysis, and development of the mathematical model. The class emphasizes a deeper, qualitative understanding of the key concepts. Projects during the year include building a trebuchet and several practicals. The trebuchet involves some work at home, with time in class to perfect and problem-solve.

The CCP course requires some independent study units designed to meet all the skills required by Rhodes State College. The information is provided and help is available as needed

Anatomy and Physiology (157)

Prerequisite(s): Biology with a passing grade. Must have completed or be currently taking Chemistry.

Credit:	1	Grades:	11, 12
Length:	1 year	Cost:	Lab Fee

This course will focus on the study of human anatomy, identification and naming of body structures, and a study of human physiology-functions of body structures as well as the interrelatedness of body structure and function. The course will include lecture, discussion and laboratory sessions.

Emphasis will be placed on the following:

1. Studying the relationship of structure and function of the major organs systems of the human body.
2. Studying the effects of the diseases and disorders on the body structures.
3. Laboratory study including extensive dissections and related physiology experiments.

Life in the Sea (159) CCP credit through Bowling Green State University (600 – BIOL 1080). See pag18.

Prerequisite(s): Biology with a minimum grade of “C”

Credit:	1	Grades:	11, 12
Length:	1 year	Cost:	Lab Fee

Life in the Sea is a course that focuses on various aspects of our seas such as the geology of sea floors, the chemical and physical properties of ocean water, flora and fauna of the seas and the relations between humans and the sea. Emphasis will be placed on developing a respectful, caring attitude for the oceans and their inhabitants. The course is designed for those with strong interest in science. Students are expected to be mature, independent, use initiative and be self-motivated. A wide range of learning activities will be encountered-from dissections to projects to lectures and discussions.

SOCIAL SCIENCE

America and the World I (250)

Prerequisites: None

Credit:	1	Grade:	9
Length:	1 year (2 semester courses)	Cost:	None

These two courses are designed to provide a basic background in American History with reference to major developments in the world from 1877 to 1930. They will include a general overview of history during this time period, study of specific topics, analysis of historical events and study changes that have shaped our culture and nation’s history. Topics will include reconstruction, urbanization, and immigration, U.S. Imperialism, Spanish-American War, World War I and the Jazz Age. Student will be expected to complete regular classroom and homework assignments. This work will include reading, taking class notes, Google site and doc information, writing, and analytical thought. Evaluation will be based in a combination of test and quiz scores, homework, and occasional class work and projects.

America and the World II (251)

Prerequisites: Passage of America and the World I

Credit:	1	Grade:	10
Length:	1 year (2 semester courses)	Cost:	None

These two courses are designed to provide a basic background in American history with references to major developments in the world from 1930 to the present. They will include a general overview of history during this time period, study of changes that have shaped our culture and nation’s history. Topics will include the Great Depression, the New Deal, World War II, the Cold War, the Korean War, the Civil Rights Movement, the Counterculture Movements, the Cuban Missile Crisis, the Vietnam War, Watergate, the 1980s Conservative Era and the War on Terrorism. Students will be expected to complete regular classroom and homework assignments. This work will include reading, taking class notes, Google site and doc information, writing, and analytical thought. Evaluation will be based in a combination of test and quiz scores, homework, and occasional class work and projects.

United States Government (253)

Prerequisite: America and the World A and B

Credit:	.5	Grade:	12
Length:	1 semester	Cost:	None

United States government is a semester course intended to teach students about the basic functions of our government. A strong emphasis will be placed on applying principles learned in class to current issues. The primary objective of the class is to help students develop critical thinking skills as they become more actively aware of the government policies and practices that affect every aspect of life in the United States. This becomes increasingly important as the students realize that they either are, or soon will be 18 years old. Consequently, they become adults in the eyes of the law. **The best citizen is an informed one!!!!!!** At the conclusion of this course students will be able to: 1. acquire a solid understanding of the constitutional foundation of American democracy as well as the major forces and events, influences and ideas that shaped the evolution of American political system, 2. articulate course materials acquired through listening, reading, and internet and library researches, 3. articulate and analyze political issues from different political perspectives, and 4. analyze social institutions and human behavior using political frameworks.

Economics (254)

Prerequisite: United States Government (this is paired with US Government to meet graduation requirement)
Credit: .5 Grade: 12
Length: 1 semester Cost: None

The semester course will focus on the skills students will need in order to compete in a globalized economy. The course will begin with a look at the budget process with regards to spending and saving. An in-depth look at debt will include, but not be limited to the following: Credit Cards, Credit Score, Credit Report, and Loans. Students will also learn about the economic impact/need for insurance and the various forms it comes in. The course will also spend considerable time introducing the idea of investing and how it relates to retirement and income. Finally, students will analyze the various methods of taxation, including the process of filing an income tax return.

World History I (260)

Prerequisite(s): None
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: None

This course is designed to provide education in World History. The first semester will emphasize ancient river civilizations through the rise of the classical civilizations. Topics will include: Stone Age development, the Rise of River Valley Civilizations, the Rise of World Religions – Judaism, Hinduism, Buddhism, Islam, and Christianity.

World History II (261)

Prerequisite(s): None
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: None

The course will cover the Classical Civilizations of Ancient Greece and Rome through the advent of the Modern World. Topics will include: Classical civilizations: Ancient Greece and Rome, the Middle Ages, the Renaissance and Reformation, Age of Exploration. And the Age of Enlightenment.

Evaluation will be based on daily assignments, tests, quiz scores, projects, and special assignments.

World Affairs I and II (262, 263)

Prerequisite: None
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: None

World Affairs is a study of current national and international issues. Through information gathered from various news sources, students will study what is happening in the world today. Emphasis will be placed on: Major problems facing the world community, Problems facing the United States, Major news-making events, Identifying important world leaders and their influence on contemporary world affairs, Human interest issues.

Students must have access to a newspaper and/or the Internet to complete weekly assignments. Class participation is required, as students must discuss news events each week.

Geography (264)

Prerequisite: Recommended: "B" on last Social Studies course
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: None

This course is dedicated to a study of the world around us. The class starts with an introduction to geography, in which students will learn the five themes of geography, the features that define the earth, the climate patterns of the earth, how to study peoples and cultures of the earth and how to use various geographic tools. From there, students will use the skills they have learned to apply to the ten areas of the world we will be studying. In addition to using these skills to apply to the ten areas, the students will look at the physical features of those areas (land, climate, and types of vegetation). Each area will also be addressed in terms of its culture, which includes studies of population patterns, history and government, and cultures/lifestyles. The final area to be addressed to each of the ten areas is current news about the area. This includes current living conditions, current news events, and how people there are interacting with their environment.

Global Economics (265)

Prerequisite: Recommended: "B" on last Social Studies course
Credit: .5 Grades: 9, 10, 11, 12
Length: 1 semester Cost: None

This course explores the basic ideas that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More so, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Because this is such a vast and broad amount of information, this course will be divided into two 9 week sections: economics and personal finance.

American History to 1877 (271) CCP credit through Rhodes State College (701 – HIST 1610). See page 19.

Prerequisite: At least two high school social studies/history courses with strong grades of A's or B's; strong work in English; at least junior standing

Credit:	.5	Grades:	11, 12
Length:	1 semester	Cost:	Course Fee

This course provides the student with the basic historical structures in 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, the Civil War and Reconstruction.

American History since 1877 (272) CCP credit through Rhodes State College (702 – HIST 1620). See page 19.

Prerequisite: At least two high school social studies/history courses with strong grades of A's or B's; strong work in English; at least junior standing

Credit:	.5	Grades:	11, 12
Length:	1 semester	Cost:	Course Fee

This course 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.

Psychology (255)

Prerequisite: Completion of America & the World A & B

Credit:	.5	Grades:	11, 12
Length:	1 semester	Cost:	None

Psychology is the study of self and the behavior of human beings. It may include personality types, learning styles, memory, perception, social psychology, life span, and psychological disorders. It is meant to develop a better understanding of why people react the way they do.

Sociology (256)

Prerequisite: Completion of America & the World A & B

Credit:	.5	Grades:	11, 12
Length:	1 semester	Cost:	None

Sociology studies groups and how groups interact with each other. It may include culture, socialization, conformity, crime, poverty, and minority groups, inequalities of gender and age, and social control.

American History in Film (257)

Prerequisite: Completion of America & the World A

Credit:	.5	Grades:	10, 11, 12
Length:	1 semester	Cost:	None

Can films and movies be used as a source of historical information? In this course, students will examine that question as they learn American History through the lens of film and movie. Students will view a variety of films throughout the semester and will analyze them as historical evidence. Among the eras that will be covered are: The American Revolution, American Civil War, Reconstruction, World War II, and the Vietnam War.

Online Courses Available through Permission Only

Marketing Basics (803)

Prerequisite: Principal and Counselor Permission
Credit: .5 Grades: 10, 11, 12
Length: 1 semester Cost: None

Students taking the Market Basics course will learn about the basic components of marketing, its methods and uses for businesses/companies and can include either goods or services. Topics that will be discussed throughout this course will include: understanding what marketing is, promotion, mission statements, pricing, advertising, decision-making, digital marketing, developing new ideas, supply chains, sales, and customer relationship management.

Study Skills (804)

Prerequisite: Principal and Counselor Permission
Credit: .5 Grades: 10, 11, 12
Length: 1 semester Cost: None

The study skills and strategies course is broken into two 9 unit sections. The first nine weeks concentrate on student learning styles, management of study time and routines, note taking strategies from textbooks, classes, and presentation, and ends with test taking tips strategies. The second nine weeks concentrate on using reference sources, remembering strategies, standardized test taking strategies, building vocabulary through clues, and ends with the final exam and college preparation strategies.

Each unit consists of Prezi or Power Point lectures. Students will encounter different types of activities and video presentations as they follow along with the lecture. A concept check is administered to assess student content knowledge at the end of each unit. As the students finish course, they will be asked to complete a study skills and strategies portfolio. This portfolio will be used as a reference source for the rest of their high school and college careers.

College Credit Plus Courses taught at Liberty-Benton High School

Students may apply to take the following courses for high school and college credit through the universities indicated. In order to receive college credit, students must apply to and be accepted by the university. The colleges have specific prior course grades and test scores required for individual courses. These courses will be taught by our LBHS staff or university professor during the regular scheduled school day.

Bowling Green State University

<u>LBHS</u>	<u>Bowling Green State University</u>	<u>College Credit</u>	<u>TAG / OTM</u>
Life in the Sea	BIOL1080- Life in the Sea	3 semester hours	OTM

Rhodes State College

<u>LBHS</u>	<u>Rhodes State College</u>	<u>College Credit</u>	<u>TAG / OTM</u>
Advanced Chemistry	CHM 1110 – Intro. To General Chemistry	4 semester hours	OTM
American History to 1877	HIST 1610 – American History to 1877	3 semester hours	TAG / OTM
American History Since 1877	HIST 1620 – American History Since 1877	3 semester hours	TAG / OTM
American Sign Language I	ASL 1010 – American Sign Language I	4 semester hours	TAG
American Sign Language II	ASL 1020 – American Sign Language II	3 semester hours	TAG
American Sign Language III	ASL 2010 – American Sign Language III	3 semester hours	TAG
Basic Manufacturing	IMT 1020 Manufacturing Concepts	2 semester hours	
C.A.D I	MET 1000 – Eng. Graphics w/AutoCAD	4 semester hours	OTM
Calculus	MTH 1711 – Calculus	5 semester hours	OTM
Personal Computing	CPT 1250 – Computer Applications in Workplace	3 semester hours	OTM
English Composition	COM 1110 – English Composition	3 semester hours	OTM
Composition & Literature	COM2400 – Composition & Literature	3 semester hours	OTM
Physics	PHY 1120 – Physics I	4 semester hours	TAG / OTM
Public Speaking	COM 2110 – Public Speaking	3 semester hours	OTM
Spanish II	SPN 1010 – Beginning Spanish I	3 semester hours	TAG
Spanish III	SPN 1020 – Beginning Spanish II	3 semester hours	TAG
Spanish IV	SPN 2010 – Intermediate Spanish I	3 semester hours	TAG
Spanish V	SPN 2020 – Intermediate Spanish II	3 semester hours	TAG
Statistics	MTH 1260 – Statistics	3 semester hours	OTM