



*Where Eagles Learn to Soar*

# **Liberty-Benton High School**

## **2019-2020 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  
Credit: 1.25  
Length: 1 year  
Grades: 9  
Cost: Class Fee + \$20 FFA Dues

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  
Credit: 1.25  
Length: 1 year  
Grades: 10  
Cost: Class Fee + \$20 FFA Dues

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

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

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.

## **Advanced Ag: Food Science and Technology (385)**

Prerequisite: Ag I, II, & III or teacher approval  
Credit: 1.25  
Length: 1 year  
Grades: 12  
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.

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## **ARTS**

### **Art I (300)**

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

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

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

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

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

### **Painting II (343)**

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

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 Grades: 10-12  
Length: 1 semester Cost: Class Fee (for materials)

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

### **Wheel-thrown Ceramics (345)**

Prerequisites: Art I  
Credit: .5 Grades: 10-12  
Length: 1 semester 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	Grades:	10-12
Length:	1 semester	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	Grades:	10-12
Length:	1 semester	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	Grades:	10-12
Length:	1 semester	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	Grades:	11-12
Length:	1 semester	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	Grades:	9-12
Length:	1 year		
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.

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## **CAREER**

### **Personal Computing (460)**

Prerequisite(s): None  
Credit: .5 Grades: 9-10  
Length: 1 semester Cost: Lab Fee

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  
Credit: .5 Grades: 11-12  
Length: 1 semester Cost: Lab Fee

The process of finding a job can be overwhelming and a little intimidating. This course will guide students step by step through the process, from applying to accepting, to keeping a job. A good start is to decide what type of job is right for each student. By looking at some questions, and thinking about past experiences, students can find what career will best suit them. They will also learn about creating a resume, and the interview process.

### **Computer Assisted Drafting I (466) CCP credit through Rhodes State College (706 – MET 1000).** See pag18.

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

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 pag18.

Prerequisite: None

Credit: .5

Grade: 12

Length: 1 semester

Cost: None

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.

## **Intro to Robotics (468)**

Prerequisite: Principal and Counselor Permission

Credit: .5

Grades: 10, 11, 12

Length: 1 semester

Cost: None

This is a beginning course in robotics. We will be utilizing robotic kits and its supported software. The objective of this course is to introduce basic programming and problem solving strategies. This course will involve students in the development, building and programming of a basic kit robot. Students will work hands-on in teams to design, build, program and document their progress. Programming is in block language. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making and timing sequences. This will be a project based course.

Students will learn, understand and know the following: How to collaborate in groups and teams, how to design robots for specific activities and scenarios, how to use supported programming software, gears, pulleys, torque, friction, timing, sensors, and program loops, and how to design, develop and complete robotic activities and challenges

## **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 utilizing robotic kits and its supported software. This course will introduce students to text based programming and more challenging projects, involve students in the development, building and programming of a basic kit robot., work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, and binary number system. This will be a project based course. Students will learn, understand and know the following - How to collaborate in groups and teams, design robots for specific activities and scenarios, use text based programming software Gears, pulleys, torque, friction, timing, sensors, and program loops and to design, develop and complete more complex robotic activities and challenges

## **Computational Thinking (470)**

Prerequisite(s): Application

Credit: .5

Grade: 10-12

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: Principal and Counselor Permission

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.

## **FAMILY & CONSUMER SCIENCE**

### **Foods I (411)**

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

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): passing grade in Foods I  
 Credit: .5  
 Length: 1 semester  
 Grade: 9-12  
 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 and problem-solving skills.

### **Global Foods (413)**

Prerequisite: Foods I  
 Credit: .5  
 Length: 1 semester  
 Grades: 9- 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, Asia and South America.

### **Healthy Foods (414)**

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

Foods that look good, taste good and are good for you is the focus of this semester course. You will learn about the nutrition behind the foods we eat, and how to develop healthy, life-long eating habits by choosing foods based on MyPlate and the dietary guidelines when eating out, grocery shopping and preparing foods at home. You will learn more advanced cooking and baking skills as you prepare new and exciting recipes and make-over some traditional favorites.

### **On Your Own (415)**

Prerequisite: None  
 Credit: .5  
 Length: 1 semester  
 Grade: 11-12  
 Cost: Lab Fee for food labs

Are you ready to move out and be on your own? Go to college? Start your career? Do you know how to create a budget? Rent an apartment? Buy or lease a car? Select and maintain clothing? Manage credit and health insurance? In this semester course, individual activities and group projects, simulating real life situations, allow you to practice goal setting and decision-making skills in these areas. You will also have the opportunity to identify your personal strengths, values, skills and interests as you explore various career opportunities, and practice communication and interview skills and how to be a team player.

### **Baking and Pastry Foundations (416)**

Prerequisite: Foods II  
 Credit: .5  
 Length: 1 semester  
 Grade: 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 breads, cakes, cookies, pies, pastries and other desserts.

## **Intro to Fashion and Interior Design (417)**

Prerequisite: None  
Credit: .5  
Length: 1 semester  
Grade: 9-12  
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, color schemes and theory, and textiles and fabrics 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).

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## **FOREIGN LANGUAGE**

### **Spanish I (185)**

Prerequisite: "C" (or better) in English or permission of instructor  
Credit: 1  
Length: 1 year  
Grade: 9-12  
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 pag18.

Prerequisite: Spanish I  
Credit: 1  
Length: 1 year  
Grade: 9-12  
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 pag18.

Prerequisite(s): Spanish II  
Credit: 1  
Length: 1 year  
Grade: 10-12  
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 pag18.

Prerequisite(s): Spanish III  
Credit: 1  
Length: 1 year  
Grade: 11-12  
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.





### **Physical Education (422)**

Prerequisite:	None	Credit:	.25
Grades:	9-12	Length:	1 semester
Cost:	Appropriate gym attire		

The objectives of the course are to develop a wholesome co-educational attitude to physical activities and to offer a well-balanced curriculum. The activities for the year are as follows: recreational activities, rhythmic activities, soccer, volleyball, basketball, softball, golf, floor hockey, low organized games, jogging, physical fitness, weight lifting, flag football and team handball.

### **Individual Fitness (430)**

Prerequisite:	Completion of at least one semester of high school physical education or instructor permission		
Credit:	.25	Grades:	9-12
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:	9-12
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.

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## **LANGUAGE ARTS**

### **English 9 (200)**

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

English 9 incorporates a development of grammar, composition, and literature, as well as a study of vocabulary appropriate to the freshman level. 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:	Novels

English 10 concentrates on the study of 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:	Novels

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:	9
Length:	1 year	Cost:	Novels

English 12 encompasses the British literature curriculum from the Anglo-Saxons through the 21<sup>st</sup> 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. Coupling the literature 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 to turn in papers and share with others.

## **English Composition (715) CCP credit through Rhodes State College COM 1110.** See page 18.

Prerequisite(s): English 9, 10, & 11

Credit:	.5	Grades:	9
Length:	1 semester	Cost:	none

Provides practice in sound organization and effective expression of ideas in original expository and argumentative compositions as well as the research paper. Extensive discussion of rhetorical modes and editing techniques. In addition, it follows the Ohio Common Core Standards for English.

## **Composition & Literature (716) CCP credit through Rhodes State College COM 2400.** See page 18.

Prerequisite(s): English Composition

Credit:	.5	Grades:	12
Length:	1 semester	Cost:	Novels

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.

## **Public Speaking (209) CCP credit through Rhodes State College (717 – COM 2100).** See pag18.

Prerequisite(s): English 9, & 10

Credit:	.5	Grades:	11-12
Length:	1 semester	Cost:	none

Covers the analysis, formation, organization, development, and delivery of ideas and attitudes within contemporary issues by means of audience analysis and dialogue. Various rhetorical modes and group projects/presentation are also included. In addition, it follows the Ohio Common Core Standards for English.

## **World Mythology (222)**

Prerequisite(s): None

Credit:	.5	Grades:	11-12
Length:	1 semester	Cost:	Novels

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:	9-12
Length:	1 semester	Cost:	Novels

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)**

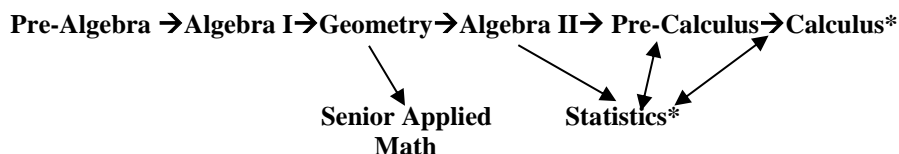
Prerequisite:	Application		
Credit:	1	Grades:	9-12
Length:	Full Year	Cost:	None

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.

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## **MATHEMATICS**

### **Liberty-Benton Mathematics Sequence**



### **Pre-Algebra (102)**

Prerequisite(s):	None		
Credit:	1	Grades:	9 - 10
Length:	1 Year	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	Credit:	1
Length:	1 Year	Grades:	9-12
Cost:	Students are encouraged to have a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator		

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	Credit:	1
Length:	1 Year	Grades:	9-12
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		

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	Credit:	1
Length:	1 year	Grades:	10-12
Cost:	Each student needs a TI-83, TI 83 Plus, TI-84 or TI-84 Plus graphing calculator		

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,



### **Biology (153)**

Prerequisite(s): Physical Science

Credit:	1	Grade(s):	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	Grade(s):	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 and stoichiometry. If time permits gases, acids and bases will be studied. 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 pag18.

Recommended Prerequisite(s): Algebra II with a minimum grade of a "C" and Biology with a minimum grade of a "B" and ACT math score of 19 or required score on the Accuplacer

Credit:	1	Grade(s):	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	Grade(s):	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.

### **Environmental Science (158)**

Prerequisites: Biology

Credit:	1	Grade(s):	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 pag18.

Prerequisite(s): Chemistry with a minimum grade of "C"; Algebra II with a minimum of a "C".

Credit:	1	Grade(s):	12
Length:	1 year	Cost:	Lab Fee \$23

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, thermodynamics, and electricity. The course follows the modeling format of learning which a very hands-on approach to learning is.



## **United States Government (253)**

Prerequisite:	America and the World A and B		
Credit:	.5	Grades:	12
Length:	1 year	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	Grades:	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:	9-12
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:	9-12
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:	9-12
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 - 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 Economies (265)**

Prerequisite: Recommended: “B” on last Social Studies course  
 Credit: .5 Grades: 9-12  
 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

pag18. 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: class 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 pag18.

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: class fee

This course provides the student with the basic historical structures of the late 19<sup>th</sup> and 20<sup>th</sup> 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.

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## Online Electives Available through Permission Only

### Games Through the Ages (800)

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

Whether we play alone or with friends, almost everyone enjoys a good game. From Candyland to Fantasy Football, games entertain us and challenge us, but their impact throughout history goes much deeper. In this course, you will learn that games reflect the social, religious, political and economic elements of every society's culture. You will also have the opportunity to construct game boards developed by ancient civilization and to demonstrate a knowledge of game rules by accurately applying them. The designs of new and old games will be compared and contrasted. This course is a pre-requisite to all other Entertainment Technology Courses.

### Games Design Studio (801)

Prerequisite:	Principal or Counselor Permission & Completion of Games Through the Ages		
Credit:	.5	Grades:	10, 11, 12
Length:	1 semester	Cost:	None

Welcome to Game Design Studio! This course will show students what it takes to play and create their own complex games. Students who are interested in entering the industry will benefit from this in-depth approach. Planning, organization, and writing skills will be emphasized, and projects will accompany what is covered in every unit. The game designs in this course will be "pencil-and-paper" games, built as hands-on prototypes. This will allow you to concentrate on GAME DESIGN, rather than learning a new (digital) tool. Using standard art supplies will allow you to rapidly prototype, playtest, and revise your games much faster than any other way.

### Digital Skills (802)

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

This course focuses on the skills that students will need to be successful as digital citizens in a global economy. The topics that this course will cover have been selected to give the student an understanding of technology and the ability to use productively technology in their daily lives. Students graduating from high school today will need to have the ability to analyze a problem, and then apply the appropriate technological approach to solving the problem. This will be the case in most fields that student will be entering. Additionally, some students will need the ability to use technology to create. In this course, students will be asked to create original works using various technologies. After completion of this course, students will be more prepared to compete and thrive in in an increasingly digital and global economy.

### 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	HUM 1601 – American Sign Language I	4 semester hours	TAG
American Sign Language II	HUM 1602 – American Sign Language II	3 semester hours	TAG
American Sign Language III	HUM 1603 – 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
English Composition	COM 1110 – English Composition	3 semester hours	OTM
Composition & Literature	COM2400 – Composition & Literature	3 semester hours	OTM
Public Speaking	COM 2110 – Public Speaking	3 semester hours	OTM
Physics	PHY 1120 – Physics I	4 semester hours	TAG / 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