



**Liberty-Benton Local School District**

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**Where Eagles Learn to Soar**

**TO BE WHAT WE ARE, AND TO BECOME  
WHAT WE ARE CAPABLE OF BECOMING,  
IS THE ONLY END OF LIFE**

-ROBERT LOUIS STEVENSON-

**2018-2019  
Course Descriptions  
Liberty-Benton High School**

# **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 Agriculture 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, 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  
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, 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.

### **Introduction to Dance (330)** CCP credit available through ONU. See page 21. **\*\*TENTATIVELY OFFERED\*\***

Prerequisite: None  
Credit: .5  
Grades: 9-12  
Length: 1 semester  
Cost: Class Fee. Appropriate dance attire. Dance shoes recommended.

Course Objective: To introduce the classic forms of dance; jazz, tap, ballet, and social dance to the beginner dance student and develop the student's ability to learn the basic components of each of these forms, To introduce exercises that will help gain strength, flexibility, coordination to aid in the student's execution of dance movements, To introduce proper body alignment and body vocabulary, terminology and history.

Course Content: Orientation of basic ballet, tap, and jazz technique and their requirements, Familiarization of basic social dance steps with and without a partner, Proper etiquette as it applies to each area of dance, Principles of good posture and body mechanics, using correct anatomical terminology, Selected viewing of specific dance performances live or on videotape. Attendance to one live performance is required.



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**

### **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. See page 20.

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. See page 20.

Prerequisite: None

Credit: .5

Grade: 12

Length: 1 semester

Cost: None

This innovative course is perfect for those 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. With a special 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 concepts are taught through variety of methods including 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. Ohio high school students now can earn recognition showing they are prepared to contribute to the workplace and their communities through 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 the demonstration of these skills in school, work or the community.

### **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 the student to basic programming as well as 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. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems and binary number systems. 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

### **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.

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## **FAMILY & CONSUMER SCIENCE**

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

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



## **FOREIGN LANGUAGE**

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

Prerequisite:	"C" (or better) in English or permission of instructor		
Credit:	1	Grade:	9-12
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. See page 20.

Prerequisite:	Spanish I		
Credit:	1	Grade:	9-12
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. See page 20.

Prerequisite(s):	Spanish II		
Credit:	1	Grade:	10-12
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. See page 20.

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.



### **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 year	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 (207)** CCP credit available through Rhodes State College. See page 20.

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.

### **Introduction to Literature (208)** CCP credit available through Rhodes State College. See page 20.

Prerequisite(s): English 9, 10, & 12

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

Serves as an introduction to the three major areas of literature: poetry, drama, and prose. It provides an overview of the three genres and may focus upon a central theme. In addition, it follows the Ohio Common Core Standards for English.

### **Public Speaking (209)** CCP credit available through Rhodes State College. See page 20.

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

Length: 1 semester

Grades: 9-12

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

Length: Full Year

Grades: 9-12

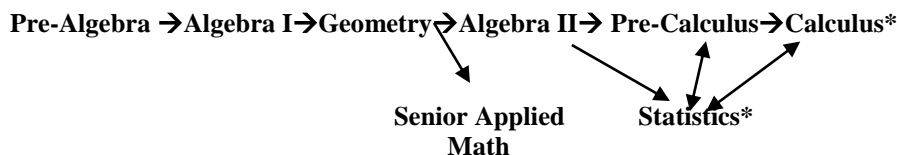
Cost: None

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

Length: 1 Year

Grades: 9 - 10

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: 9-12

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.



**Statistics (109)** CCP credit available through Rhodes State College. See page 20.

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. Students are to analyze and interpret data so writing skills are also important.

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.

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## **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: Properties and changes of matter, Chemistry as it applies to atomic structure and the periodic table, Thermal Energy, Force and Motion, The electromagnetic nature of matter, Wave motion and energy, The Universe.

### **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.

### **Chemistry (154)**

Prerequisite(s):	Recommended: Algebra I and Biology with a minimum grade of a "B"		
Credit:	1	Grade(s):	11, 12
Length:	1 year	Cost:	Lab Fee

Chemistry is the study of matter and the changes that it undergoes. Chemistry is a laboratory based class, which encourages small group learning. Major topics include data analysis, dimensional analysis, atomic structure, the mole concept, electron configurations, periodicity, chemical bonding, chemical reactions, stoichiometry, gases and acids & bases.

Some of the key objectives of the course are: To understand the structure of atoms and how they bond, to understand and apply the mole concept when problem solving, to use electron configurations to predict chemical reactivity, to understand the arrangement and usefulness of the periodic table in predicting properties, to predict products and write a balanced chemical equation, to calculate the theoretical yield of a chemical reaction and compare it to an experimental yield, to understand pressure, volume and temperature relationships for gases, to identify the physical and chemical properties of acids and bases, to explain the meaning and calculate the pH and pOH of an aqueous solution

### **Advanced Chemistry (155)**. CCP credit through Rhodes State College. See page 20.

Prerequisite(s):	Teacher recommendation from current math and Biology teacher with grade of a "B" or higher.		
Credit:	1	Grade(s):	11, 12
Length:	1 year	Cost:	Lab Fee

Advanced Chemistry will cover the same concepts as Chemistry, but in more depth. If time allows additional concepts will be covered.

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

Prerequisites: Biology  
Credit: 1  
Length: 1 year  
Grade(s): 11, 12  
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. See page 20.

Prerequisite(s): Chemistry with a minimum grade of “C”; Algebra II with a minimum of a “C”.  
Credit: 1  
Length: 1 year  
Grade(s): 12  
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. Most units begin with students performing an experiment to develop the appropriate relationships. With the teacher’s direction, students develop deeper understanding through data analysis and group discussion and then perfect their skills with problem solving work. Most units conclude with a “real-life” practicum for students to solve. Key methods of investigation include: interpretation and analysis of data, graphical analysis, vector analysis, and development of the mathematical model. Projects during the year include building a trebuchet and a small waterwheel. The trebuchet involves some work at home, with time in class to perfect and problem-solve. The waterwheel is built in class.

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  
Length: 1 year  
Grade(s): 11-12  
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. See page 20.

Prerequisite(s): Biology with a minimum grade of “C”  
Credit: 1  
Length: 1 year  
Grade(s): 11-12  
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.

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# 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, 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	Grades:	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	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

Length: 1 semester

Grades: 9-12

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

Length: 1 semester

Grades: 9-12

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

Length: 1 semester

Grades: 9-12

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

Length: 1 semester

Grades: 9 - 12

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

Length: 1 semester

Grades: 9-12

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. See page 20.

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. See page 20.

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, 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 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.

### **AIR English Language Arts Test Preparation (805)**

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

The Argumentative and Informative/Essay writing course is divided into two 9 unit sessions. The first nine weeks will focus on creating argumentative essays. This section will be broken down into an overview of arguments, transition words, introduction paragraph, body paragraphs, claims, counterclaims, and the closing paragraph. The second nine weeks will hone in on how to create an informative/expository essay. Units will focus on introductory paragraphs, body paragraphs, closing paragraph, as well as an overview of the informative essay. Students will be asked to use in text citation for both essays. This will be reviewed in both sections.

## 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. These courses will be taught by our LBHS staff or university professor during the regular scheduled school day.

### Bowling Green State University

You MUST meet these requirements to take the following courses. See Mrs. Herr if you are in need to take one of these tests.

<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

You MUST meet these requirements to take the following courses. See Mrs. Herr if you are in need to take one of these tests.

<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
Introduction to Literature	LIT 2210 – Introduction to 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

### Ohio Northern University

You MUST meet these requirements to take the following courses. See Mrs. Herr if you are in need to take one of these tests.

<u>LBHS</u>	<u>Ohio Northern University</u>	<u>College Credit</u>
Introduction to Dance	TADN 1101 – Introduction to Dance	2 semester hours
Social Dance	TADN 2101 – Introduction to Dance	1 semester hour