

# Riverside High School



**Course Catalog  
2024-2025**

## Academic Policies

### a) Scheduling

The process of selecting and enrolling in specific courses is required of each student yearly -- soon after the beginning of the second semester. Many of the items found in this booklet will form a basis upon which the scheduling process can be accomplished more beneficially.

### b) Course Load:

- Each student should enroll in no fewer than 5 credits per year, exclusive of Physical Education. Students must be passing five credits as part of the OHSAA Eligibility.
- **Students should select classes so that their schedule will include no more than one (1) study hall per day, per semester.**

### c) Class Change Procedure

- Changes **may** be made only during the **first 3 days of the school year.**
- Addition of a course – courses may be added only if there is no disruption to the rest of the schedule and there is room in the course.

### d) Class Change Requests

The following guidelines will be observed and the following reasons will be accepted for schedule changes.

- The student is scheduled into a course without having the required prerequisite.
- The student is not scheduled into a course required for graduation.
- Medical reasons documented by a physician.
- Schedules **will not be changed** because of a “change of mind,” loss of interest, desire to be in a class with another student, or dislike of a teacher.

### e) Withdrawal

- The principal in conjunction with the counselor will consider cases with extenuating circumstances.
- For a course dropped after the 1<sup>st</sup> interim report a grade of “Withdrawn Failing” will be given and no credit will be issued.

### f) Student Classification

The class standing of students is currently determined as follows:

Freshman	fewer than 5 credits
Sophomore:	5 - 10 credits
Junior:	11 - 15 credits
Senior	16+ credits

### g) Grades and Quality Points

- In arriving at a nine-week grade, several factors are to be included such as daily class participation, homework, projects, group activities, quiz grades and test grades.
- Grades will be put onto Progress Book for parent and student access.

**h) Grading Scale**

All Honors and College Credit Plus courses receive an additional 0.0315 GPA “bump.”

Progress Book access is available to parents and students so that grades may be monitored during the school year.

<u>4 Point Scale</u>	<u>Numerical Value</u>	<u>Rating</u>
4.0	93-100	A
3.7	90-92	A-
3.3	87-89	B+
3	83-86	B
2.7	80-82	B-
2.3	77-79	C+
2.0	73-76	C
1.7	70-72	C-
1.3	67-69	D+
1.0	63-66	D
0.7	60-62	D-
0.0	BELOW 60	F

**Semester Average:** Averages are calculated by doubling the point value for each 9 weeks grade and then adding the point value for the exam, then divide by 5.

**i) Honor Roll**

The honor roll is calculated at the close of each grading period and will be published in the local newspapers.

**j) NCAA Core Course Requirements**

The NCAA guidelines are subject to change and can be found by visiting the following website:

<http://www.ncaa.org/> .

**k) Riverside Graduation Requirements for Students Graduating in 2023 and beyond**

Students attending Riverside High School full time are required to accumulate a minimum of 22 credits, requirements listed in the table (next page), as well as complete the following testing mandates & permanent requirements (competency & readiness):

- State testing
  - End-of-course tests
    - ELA II
    - Algebra 1 & Geometry
    - American History & American Government
    - Biology
  - State Funded ACT test - Junior year

## 1) Graduation Requirements

<b>Criterion</b>	<b>Riverside High School Diploma</b>
<b>English</b>	4 credits of english
<b>Math</b>	4 credits of math: Algebra 1 or Algebra 1A & Algebra 1B Geometry Algebra II or Math Modeling & Reasoning One other higher level math
<b>Science</b>	3 credits of science: Biology Physics 1 other advanced science
<b>Social Studies</b>	3 credits of social studies: American History World History Government
<b>Fine Arts</b>	1 credit (Music, Art, Media Arts)
<b>Other Requirements</b>	½ credit - Health ½ credit - Physical Education or a PE waiver on file ½ Financial Literacy Instruction on proper interactions with peace officers
<b>Electives</b>	6-7 credits

### Permanent Requirements for Graduation

#### 1. **Demonstrate Competency -**

- Earn a competency score on state tests
  - ELA II (684) or ACT (English 18/Reading 22)
  - Algebra I (684) or ACT (Mathematics 22)

\*If a student did not receive a passing score after 2 attempts they may use one of the following options to show competency in the failed area(s):

- COLLEGE CREDIT PLUS - Earn college credit in a non-remedial Math and/or English course (subject area not passed)
- CAREER EXPERIENCE & TECHNICAL SKILLS - Complete 2 demonstrations of competency (at least one foundational)
  - Foundational
    - Earn a cumulative score of proficient or higher on 3 or more WebXams in a single career pathway.
    - Earn a 12 point approved industry-recognized credential or group of credentials

- Complete a pre-apprenticeship in a student's chosen career field or show evidence of acceptance into an apprenticeship program after high school.
- Obtain a state-issued license for practice in a vocation that requires an examination.
  
- Supporting
  - Complete a 250-hour work-based learning experience with evidence of positive evaluations
  - Earn a workforce readiness score on WorkKeys exam (14)
  - Earn the OhioMeansJobs Readiness Seal
  
- MILITARY READINESS - Meet the requirements to enlist in the military, as demonstrated by a contract with the military to enlist upon graduation (DD Form 4).

**2. Demonstrate Readiness** - Students must earn at least two seals, one must be state defined.

- State Seals
  - OhioMeansJobs readiness Seal
  - State Seal of Biliteracy
  - Industry-Recognized Credential Seal
  - College-Ready Seal
  - Military Enlistment Seal
  - Citizenship Seal
  - Science Seal
  - Honors Diploma Seal
  - Technology Seal
  
- Local Seals
  - Community Service Seal
  - Fine & Performing Arts Seal
  - Certified Student Engagement Seal

\*Seal requirements will be available in Mrs. Allen's office if you would like a copy

The following link has all the honors diploma options and requirements:

<http://education.ohio.gov/getattachment/Topics/Ohio-Graduation-Requirements/Graduation-Requirements-2014-2017/Criteria-for-Diploma-with-Honors/Honors-Diploma-Revised-Grid.pdf.aspx>

This is an example of how to get an honors diploma here at Riverside with our current classes that are offered. You must have all but one of the following requirements.

	9th Grade	10th Grade	11th Grade	12th Grade
English	<b>English 9</b>	<b>English 10</b>	<b>English 11</b>	<b>English 12</b>
Math	<b>Algebra I</b>	<b>Geometry</b>	<b>Algebra II</b>	<b>Pre-Calculus</b>
Science	<b>Biology</b>	<b>Physics</b>	Chemistry	Anatomy
Social Studies	<b>American History</b>	<b>World History</b>	<b>American Government</b>	Geography/Economics
World Languages	Spanish I	Spanish II	Spanish III	
Financial Literacy		<b>Business Foundations</b>		
Fine Art	<b>Art I/Primer/Music</b>			
Health	<b>Health</b>			
Physical Education		<b>HS Gym/PE Waiver</b>		
GPA	3.5 on a 4.0 scale			
ACT	27 or higher			

**Any form of discrimination or harassment can be devastating to an individual's academic progress, social relationship and/or personal sense of self-worth. As such, the Board of Education does not discriminate on the basis of race, color, national origin, sex (including sexual orientation or transgender identity), disability, age (except as authorized by law), religion, military status, ancestry, or genetic information (collectively, "Protected Classes") in its educational programs or activities.**

**The Board also does not discriminate on the basis of Protected Classes in its employment policies and practices as they relate to students, and does not tolerate harassment of any kind.**

**Equal educational opportunities shall be available to all students, without regard to the Protected Classes, age (unless age is a factor necessary to the normal operation or the achievement of any legitimate objective of the program/activity), place of residence within the boundaries of the District, or social or economic background, to learn through the curriculum offered in this District. Educational programs shall be designed to meet the varying needs of all students.**

For information on Nondiscrimination in Education, please see Policy 2260.

# Academic Course Descriptions

## ENGLISH DEPARTMENT – 4 credits required for graduation (1 credit at each level)

### 209 English 9

#### 1 Credit - Two Semesters

English 9 is devoted to practicing skills necessary for clear and effective communication: reading, writing, speaking and listening. Students will read specified short stories, drama, novel and nonfiction. Students will write to improve development of ideas and unity and coherence of expression. Speaking and listening skills will be practiced through both formal and informal oral assignments and activities such as discussions of literary works and presentations.

### 209H Honors English 9

1 Credit - Two Semesters. Prerequisite: Final grade of B or above in 8<sup>th</sup> grade English or teacher recommendation

Honors English 9 is similar in content to English 9, but material is covered more in-depth and at an advanced level.

### 210 English 10

#### 1 Credit - Two Semesters

English 10 is a composite of work in grammar, writing and literature. In composition, students focus on the writing process. Expressive writing, informative writing, persuasive writing and imaginative writing are studied. In literature, students develop an understanding of non-fiction selections, short stories, drama, novels, and essays.

### 210H Honors English 10

1 Credit - Two Semesters. Prerequisite: Final grade of B or above in English 9 or teacher recommendation

Honors English 10 is similar in content to English 10, but material is covered more in-depth and at an advanced level.

### 211 English 11

#### 1 Credit - Two Semesters

The course studies the development of American Literature from the Puritan period to modern day with an examination of the way in which writings reflects the times. Emphasis will be placed on examining historic speeches, documents and dramas related to the different literary movements. Following a study of the models, students will apply the philosophies and principles of the writings to their own compositions. Composition and grammar study will incorporate exercises in expressive writing, informative writing, persuasive writing, analytical writing and research, oral communication skills will be developed through a variety of options that may include: panel discussions, group discussions, oral presentations, recitations, and reader's theater.

### 211H Honors English 11

1 Credit - Two Semesters. Prerequisite: Final grade of B or above in English 10 or teacher recommendation

Honors English 11 is similar in content to English 11, but material is covered more in-depth and at an advanced level.

## **212 English 12/Composition**

### **1 Credit - Two Semesters**

Students will continue the development of skills taught in English 11 through a variety of literature and composition options. Composition and grammar activities as well as exercises will develop writing and speaking skills. Students will review the writing process and develop their writing skills through personal writing, analytical writing, and research writing.

## **212H Honors English 12**

### **1 Credit - Two Semesters. Prerequisite: *Final grade of B or above in English 11 or teacher recommendation***

This class is designed to prepare students for college-level writing, thinking and reading. Students will be doing more in-depth reading and analysis with focus on nonfiction as opposed to literature. The study of rhetoric, focusing on the purpose and function of writing, will also be explored. The course includes a variety of subjects and genres in a thematic focus.



**MATHEMATICS DEPARTMENT – 4 credits required for graduation (Must include Algebra I, Geometry, and Algebra II)**

**115 Algebra I**

**1 Credit - Two Semesters.** *Teacher recommendation needed*

This course covers the standard topics of Algebra I including signed numbers, integer exponents, systems of linear equations, graphs, equations of linear functions, and geometric concepts.

**109 Algebra 1A**

**1 Credit - Two Semesters.**

This course will cover a more in-depth look at the first half of the Algebra 1 standards. A few of the concepts covered will be signed numbers, integer exponents, linear equations and graphs. Students will get a more solid foundation of Algebra I concepts when they take Algebra 1A and Algebra 1B sequence.

**110 Algebra 1B**

**1 Credit - Two Semesters.** *Prerequisite: Algebra 1A*

This course will cover a more in-depth look at the second half of the Algebra 1 standards. A few of the concepts covered will be systems of equations, nonlinear equations, exponents, probability, statistics, and graphs. Students will get a more solid foundation of Algebra I concepts when they take Algebra 1A and Algebra 1B sequence.

**120 Geometry**

**1 Credit - Two Semesters.** *Prerequisite: Algebra I or Algebra 1A/Algebra 1B*

This course is designed to expose the students to a variety of geometric concepts including proving theorems and using rulers and compasses to construct a variety of geometric properties, and an introduction to trigonometry.

**130 Algebra II**

**1 Credit - Two Semesters.** *Prerequisite: Geometry*

This course is designed to complete the automation of the fundamental skills of Algebra. Also emphasized is right triangle trigonometry, similar triangle problems, problems of the equation of a line, complex numbers, completing the square, and deriving and using the quadratic formula.

**140 Pre-Calculus**

**1 Credit - Two Semesters.** *Prerequisite: Algebra II*

This course continues the study of Geometry, Trigonometry and Advanced Algebra concepts.

**Graphing Calculator: Students are recommended to have a Graphing Calculator. Acceptable models include TI-83, TI-84, TI-84 Plus, or a TI-84 Plus Silver Edition. Riverside has a limited number of calculators available for classroom use.**

## **150 Calculus**

**1 Credit - Two Semesters.** *Prerequisite: Pre-Calculus.*

This course contains an in-depth coverage of all topics required for Calculus courses at the collegiate level. This course deals with logarithmic and trigonometric functions, problems on limits, proofs, applications of differentials, work maximum/minimum and solids of revolution problems, etc.

**Graphing Calculator: Students are recommended to have a Graphing Calculator. Acceptable models include TI-84, TI-84 Plus, TI-84 Plus Silver Edition or TI-89. Riverside has a limited number of calculators available for classroom use.**

## **160 Mathematical Modeling & Reasoning**

**1 Credit - Two Semesters.** *Prerequisite: Teacher recommendation ONLY*

This course is an advanced quantitative reasoning course. It is the application of basic mathematical skills, such as Algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world context to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. It emphasizes interpretation, representation, calculation, analysis/synthesis, assumptions and communication. This course is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices, while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry.

## **SCIENCE DEPARTMENT - 3 credits required for graduation (Must include Biology and Physics)**

### **410 Biology**

#### **1 Credit - Two Semesters.**

Students demonstrate an understanding of how living systems function and how they interact with the physical environment. This includes an understanding of the cycling of matter and flow of energy in living systems. An understanding of the characteristics, structure and function of cells, organisms and living systems will be developed. Students will also develop a deeper understanding of the principles of heredity, biological evolution, zoology, and the diversity and interdependence of life. Students demonstrate an understanding of different historical perspectives, scientific approaches and emerging scientific issues associated with the life sciences. The students will study how science and technology are interconnected. Students will learn about ethical practices and guidelines in which science operates and how the knowledge, skills, and interests learned in science classes apply to possible careers. Students will prepare for the End of Course Test.

### **420 Physics**

#### **1 Credit - Two Semesters.**

The goal of this course is to develop problem-solving and critical thinking skills. Students will participate in inquiry based labs and discussions that are designed to improve math skills and solve authentic problems. Topics include measurement, kinematics, dynamics, and universal gravitation.

### **425 Physics II**

#### **1 Credit - Two Semesters: Prerequisite: Physics**

The goal of this course is to prepare students in science for first year college physics. Students will participate in inquiry based labs and discussions that are designed to improve math skills and learn problem solving and critical thinking skills to solve general problems. Topics may include motion in two dimensions, energy, waves, electricity and magnetism. This course will be offered based on interest.

### **430 Biology II**

#### **1 Credit - Two Semesters. Prerequisite: Juniors and seniors only**

Biology II involves a combination of zoology, botany and current biology topics. Students will participate in project based learning and class discussions to build skills to use into adulthood. Topics of study include complex vertebrates and their behaviors to the metabolic processes of plants and why they grow upright.

### **440 Anatomy & Physiology**

#### **1 Credit - Two Semesters. Prerequisite: Biology minimum final grade of C or teacher recommendation.**

The students will study the human body by studying the organ systems of the body. Anatomy is the study of the internal and external structures of the human body. Physiology is the study of human body functions. The students will develop basic knowledge of physiology as represented by the latest advances in this subject area as well as gaining an understanding of the structure of the body. The students will also develop a mastery of vocabulary in order to understand physiological and anatomical concepts clearly. Students will be aided in improving their daily life making them more knowledgeable about their body, as well as a more responsible individual. A further goal is to prepare students, who are interested, for further specialized work in this field of study.

#### **450 Chemistry I (Possible option for CCP Credit)**

**1 Credit - Two Semesters**. *Prerequisite: Teacher recommendation*

The topics covered include the makeup of matter, the design of atoms, the periodic table, bonding, formulas, reactions, solutions, acids, bases, and thermodynamics. The lab experiments will incorporate writing and the following tasks in problem solving: planning and designing, performance, analysis, and application. This is a college prep class designed for students that may require college sciences. Must be a Junior or Senior.

#### **460 Chemistry II (Possible option for CCP Credit)**

**1 Credit - Two Semesters** *Prerequisite: Chemistry I & Teacher recommendation*

The purpose of this course is to provide students with the fundamentals of inorganic chemistry that can be used to predict based on patterns, solve real problems and think critically. This course is a continuation of Chemistry I CCP (Clark State University General Chemistry 1210). This course will be offered based on interest.

#### **470 Environmental Science/Geology**

**1 Credit - Two Semesters** *Prerequisite: Juniors and seniors only*

Environmental Science will be an in-depth study of the natural world and how it is influenced by people. Topics in this course include ecology, the biosphere, natural resources and societal impact. Students will investigate these topics through reading, discussion and hands-on activities.

Geology will be a detailed study of Earth's origin, history, structures and changes over time. Major topics include the internal structure of Earth, minerals, rocks, landforms, plate tectonics and oceanic processes. Students will investigate these topics through reading, discussion and hands-on activities.

**SOCIAL STUDIES DEPARTMENT - 3 credits required for graduation (Must include American History, World History, and American Government).**

**310 American History**

**1 Credit - Two Semesters**

American History covers our story from the discovery and settlement of America to present day. The primary purpose of this course is to cultivate an awareness of and an appreciation for our great American Heritage. This must be accomplished by teaching the truth in an honest and convincing manner. Students must develop skills, understanding and attitudes necessary for each individual to serve society and themselves in the best possible manner. A true understanding of the responsibilities and privileges of our democratic societies can only come when we fully comprehend that the recent grows out to the past and the future depends on an enlightened present.

**320 World History**

**1 Credit - Two Semesters**

This course provides students with a comprehensive study of major events and themes in world history from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. Historical thinking skills continue to build as students analyze primary and secondary sources from multiple perspectives to support claims with evidence.

**330 American Government**

**1 Credit - Two Semesters**

This course will provide students with a deep understanding of government and politics in the United States. Students will examine the Founding Documents, which form the basis for the United States of America and how the American people govern themselves at national, state and local levels of government. Topics include public policy, elections and voting, law and justice, and civil liberties. This course also aims to empower students to be active, engaged citizens by providing them with the knowledge and skills they need to successfully participate and create change in their communities.

**340 Geography & Economics**

**1 Credit – Two Semesters**

Geography, the study of spatial aspects of human existence, enables students to find answers about the world around them. The geographically informed student sees, understands, and appreciates the connections among people, places, and environments. Understanding these connections requires an awareness of space, which can be identified in terms of location, distance, direction, pattern, shape, and arrangement. Students will use geographic methods to compare and analyze landforms, climates, and natural resources, as well as cultural, political, economic, and religious characteristics of world regions. With a strong knowledge of geography, students will be prepared to understand issues and solve problems in the contemporary world.

The economics course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security.

## **350 History of Leadership & Personal Development**

### **1 credit - Two Semesters**

This course introduces students to various types of leadership styles, the history of leadership and its effect on society and community. The ultimate goal is to develop each individual student's own personal leadership qualities, as well as their physical and mental characteristics. The course will focus on daily personal growth and awareness in all aspects of leadership. Students will be required to study high-quality leadership books, historical leaders and articles, practice the art of leading on their own, and develop in their training techniques. Emphasis is placed on effort, participation, attitude, and a passion for growth. With this growth mindset we hope to create better leaders, people and athletes in the hallways of Riverside High School and in our community.

**HEALTH & PHYSICAL EDUCATION DEPARTMENT- ½ credit of each are required for graduation.**

**500 Health**

**½ Credit - One Semester**

This course is designed to cover both physical and mental health as well as social adaptability, with strong emphasis placed on personality, family, and community health. Alcohol, smoking, and drugs, are a major focus in the class.

**HS PE 7-12 Physical Education**

**½ Credit - Two Semesters (7th grader will not receive high school credit. 8th-12th graders will get ½ credit to fulfill their high school Physical Education requirement.)**

*Physical Education* is a course aimed at providing each student with physical activity and developing worthy use of leisure time. A primary goal is to instill in students a desire to keep their bodies physically fit throughout their lifetime. During the year, students will participate in various sports, both team and individual. Students will learn proper lifting techniques while increasing overall body strength. Participating students will become more knowledgeable about the components of becoming physically fit. The class will focus mainly on Free weights, core strength, plyometrics and agility. Students need no prior knowledge to participate.

**Physical Education Waiver Option**

The Ohio Revised Code requires that high school students accumulate ½ credit of physical education for graduation. A new option that is available to schools is to allow students who compete in two complete seasons of interscholastic sports, cheerleading or two full seasons of marching band to be excused from the physical education requirement. Students receive no credit for participation in interscholastic athletics, only exemption from the physical education requirement. Students will have to choose other course offerings to make up the ½ credit.

A student must use one method or the other to fulfill the graduation requirement. Students who select this option cannot opt to take less than the full ½ credit or two full seasons of interscholastic sports, cheerleading or two full seasons of marching band. For example, they may not choose to trade ¼ physical education credit for 1 season in sports. The athletic director and band director are responsible for providing a roster of students who participated in interscholastic sports, cheerleading or band to the guidance department at the end of each season. If a student-athlete is cut, quits or does not complete a full athletic season for any reason, the season does not count as one of the full two seasons. The student would then be responsible to make up the physical education credit. Students should complete the Agreement to Waive Physical Education Requirements form prior to participation in the interscholastic sports, cheerleading or band.

Students cannot count interscholastic sports, cheerleading or marching band prior to the 2009 fall season. Students must sign an agreement stating their understanding and acceptance of this policy.

## **FOREIGN LANGUAGE DEPARTMENT**

### **710 Spanish I**

**1 Credit - Two Semesters** *Prerequisite: Final grade of C or better in most recent English class.*

Emphasis is placed on “high frequency” vocabulary, exercised through storytelling, songs, and high repetition of the core vocabulary. Students practice speaking, listening, reading, and writing skills with the most useful Spanish in the present tense. Grammar will be taught as it comes up in the vocabulary. In addition, students will be exposed to culture throughout each lesson through articles, movies, and music.

### **720 Spanish II**

**1 Credit - Two Semesters Course** *Prerequisite: Spanish I*

During the second year, students will be starting where they left off in Spanish I and building upon that core vocabulary knowledge. Classes will be taught primarily in Spanish and students will be introduced to the other verb tenses so they can speak, read, write, and understand more effectively. At the end of the second semester, students will be reading a novel together and using it to discuss, theorize, and write.

### **730 Spanish III**

**1 Credit - Two Semesters** *Prerequisite: Spanish II*

This course will start as a continuation of Spanish II, with student storytelling and high frequency vocabulary, primarily in the past tense, and will become novel-based. Classes will be taught in Spanish and there is a focus on the past and conditional verb tenses. Students will participate in class conversations about various topics and use cultural essays to help guide their points.

### **740 Spanish IV**

**1 Credit - Two Semesters** *Prerequisite: Spanish III*

This course is a continuation of Spanish III and is mostly novel-based. The goal is that students are able to discuss, understand, interpret, and write effectively based on the novels and vocabulary lessons. Students will use notes and activities to guide their comprehension and speaking abilities. Culture will be laced throughout the curriculum with music, movies and essays.



## MUSIC DEPARTMENT

### 655 High School Band

#### 1 Credit - Two Semesters

High school band consists of both marching band and concert band for students in grades 9-12, and selected 8th graders. Marching band functions principally through the summer and fall, performing at football games, local events, parades, and festivals. Known as the "Pride of Riverside", the marching band is building a tradition filled with pride and enthusiasm, accompanied by a constant demand for high musicianship. Participating in marching band will fulfill the Physical Education waiver requirement. Marching band will require summer rehearsals and after school rehearsals during the school year in addition to the rehearsals during the school day. Students will continue to develop musical skills through concert music. Concert band functions from the end of marching band season to the end of the academic school year. Concert band will focus on formal instrumental playing techniques in an indoor setting. Students will develop instrumental skills and musicianship through solo and ensemble performances, OMEA adjudicated events, and concerts. This band (marching band and concert band) will perform at all functions designated by the director and the high school principal throughout the entire year.

**Projected Course Fees: \$40 High School Band**

**Projected Course Fees: \$50 Marching Band Transportation (cannot be waived)**

### **\*EXTRA CURRICULAR\***

#### Jazz Band

The high school jazz band is a high-level performance group, which requires a high standard of musical knowledge. Jazz band functions from late fall through spring, performing for all concerts and various other functions. The band will perform at all functions designated by the director and the high school principal throughout the entire year. Students wishing to participate in jazz band **must** be enrolled in the high school band course.

#### Pep Band

The high school pep band is a high-level performance group that functions during basketball season, performing for a majority of home basketball games. The pep band will perform at all functions designated by the director and the high school principal throughout the winter. Students wishing to participate in pep band **must** be enrolled in the high school band class.

### 645 Music Theory/Arranging & Music Technology

#### 1 Credit - 2 Semesters

Music Theory and Arranging, students will focus on the theory aspect of music and apply these rules to arranging a piece of music for a band and/or choir. Students will then use their musical knowledge to arrange a piece of music for various ensembles of various sizes using these rules.

Music technology students will learn about the technology used in music and its purpose in the industry.

Students will learn how to use programs such as GarageBand and/or SoundTrap, sound board, light board, etc. They will also learn about the various tech instruments used in performances. Students will use their newfound knowledge to run a sound and light board for live school performance.

**Projected Course Fees: \$50**

## **655 9-12 Chorus**

### **1 Credit - Two Semester**

The Chorus is comprised of anyone interested in vocal music at Riverside Schools. The primary focus of this ensemble is to review previously learned knowledge and skills, as well as develop necessary ensemble performance skills including solfege and sight-singing. This ensemble performs quality, appropriately challenging, entertaining literature based on artistic and educational merit. This ensemble will perform at all functions designated by the director and the high school principal throughout the entire school year.

**Projected Course Fees: \$30**

### **\*\*Extra Curricular\*\***

#### **Show Choir**

The High School Show Choir is a high level group, which requires a high standard of musical knowledge. This group sings and dances to various types of music such as pop, rock, and hip-hop. Show choir functions from late summer to the end of the academic year, performing for concerts, invitationals, and various other functions. The show choir will perform at all functions designated by the director and the high school principal throughout the entire year. Students wishing to audition for show choir are recommended to be enrolled in the high school chorus class.

## ART DEPARTMENT

### 605 Art I

#### 1 Credit - Two Semesters

This Art course consists of knowledge and use of the fundamentals of drawing, painting, design, and Art History. It stresses the use of a variety of media; paint, pencil, charcoal, watercolor and ink. It requires participation in Art shows.

**Projected Course Fees: \$20 per semester**

### 610 Art II

#### 1 Credit - Two Semesters *Prerequisite: Art I*

This class builds off of Art I, in that it continues to develop the fundamentals learned in Art I, and then adds more concentration into painting and more complex mediums. Students will also learn the fundamentals of photography and dive deeper into what makes a successful picture. They will learn how to use a DSLR Camera and also will be introduced to editing photos on an IPAD. Students will also be introduced to digital painting on the IPAD utilizing different apps and the Apple Pencil. Students will have the opportunity to participate in Art Shows.

**Projected Course Fees: \$20 per semester**

### 615 Art III

#### 1 Credit - Two Semesters *Prerequisite: Final grade of B or above in Art II or teacher recommendation.*

Art III consists of continued development of skills learned in Art II. There will be a strong emphasis placed on developing concepts and ideas in the art the student chooses to create and also demonstrating strong technical skills. Students will have more individualization in terms of projects and decisions in terms of media and subject matter but are gearing projects towards building a portfolio of artwork to showcase their skills in different mediums. Students will learn how to use oil paint in at least one of their projects. Students will also continue to work with DSLR Cameras and editing photographs. Students will also be required to work with digital painting and design on the IPAD. Participation in the planning and execution of a phase of the Art Show is expected.

**Projected Course Fees: \$20 per semester**

### 620 Art IV

#### 1 Credit - Two Semesters *Prerequisite: Final grade of B or above in Art III or teacher recommendation.*

Art IV consists of demonstrating mastery of mediums that a student has chosen to develop their skill in. Students will choose projects and mediums based off of their own focus as an artist and on completing a portfolio that showcases the skills and concepts they have learned throughout their years of taking high school art. The portfolio should be complete so if they are considering a career in a Fine Art related field it is ready for a University Art Department to review it for acceptance into the program and scholarship consideration. Students will also continue learning digital painting using an IPAD with the Apple Pencil. Students should be able to create art using the programs on the IPAD for digital painting. Participation in the planning and execution of a phase of the Art Show is expected.

## **AGRIBUSINESS and PRODUCTION SYSTEMS PROGRAM (overview)**

The Agribusiness and Production Systems program will prepare students for technical and professional level careers in the production, management, marketing, distribution and processing of agronomic crops and domesticated livestock. Communications, business principles and leadership skill development are essential to these program areas.

***Additional College Credit for Qualified Students:*** Articulated credit at Clark State Community College for AGR 1250 (Animal Agriculture, 3 sem hours) and MATH 1200 (Technical Math for Agriculture, 3 sem hours). Students must pass proficiency examinations to earn credit.

**Industry Credential for Qualified Students:** Students who meet all of the following three component criteria may apply for the AgriBusiness Association – Ohio Agribusiness & Production Systems Certification (12 points).

<b>Take Any 3 Courses &amp; Pass the WebXam Each Course</b>	<b>Take This Course &amp; Pass the WebXam for the Course</b>	<b>SAE Project(s)</b>
<ul style="list-style-type: none"><li>● Agriculture, Food and Natural Resources (AFNR)</li><li>● Livestock Selection, Nutrition, &amp; Management</li><li>● Mechanical Principles</li><li>● Greenhouse &amp; Nursery Management</li></ul>	<ul style="list-style-type: none"><li>● Business Management for Agricultural &amp; Environmental Systems</li></ul>	<ul style="list-style-type: none"><li>● At least 500 hours documented in AET and consisting of entrepreneurial, placement, and/or research in an agriculture industry</li></ul>

### **810 Agriculture, Food and Natural Resources (AFNR)**

**1 Credit - Two Semesters** (Required course for all other Ag courses)

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. Other subjects in this class are: Parliamentary procedure, woodworking & welding fabrication.

### **820 Livestock Selection, Nutrition and Management**

**1 Credit - Two Semesters** *Prerequisite:* AFNR or concurrently with AFNR

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance. Other subjects covered are rural soil science, parliamentary procedure skills, public speaking, woodworking, mig welding and metal engineering.

**Industry Credential for Qualified Students:** Elanco Fundamentals of Animal Science (6 points)

### **830 Greenhouse and Nursery Management**

**1 Credit - Two Semesters** *Prerequisite: AFNR or Teacher approval*

**College credit opportunities are available for this course**

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized. The major emphasis of this course includes horticultural landscape design, urban soil management, and greenhouse operations. Students will design, plan, build, and calculate cost for landscape design projects. Students will be working outside on landscape designs for the school and or community as their community service project. Other topics include record keeping & woodworking.

**College Credit for Qualified Students:** CTAG credit at any state institution with a course match for CTAGP002 (Soil Fertility & Fertilizers, 3 sem hours)

**Industry Credential for Qualified Students:** BASF Plant (6 points)

### **840 Mechanical Principles**

**1 Credit - Two Semesters** *Prerequisite: AFNR or Teacher approval*

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 plumbing & construction concepts. Students will apply knowledge of metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

**Industry Credential for Qualified Students:** OSHA-10 (1 point)

### **850 Business Management for Agricultural and Environmental Systems**

**1 Credit - Two Semesters** *Prerequisite: AFNR or Teacher approval*

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

**College Credit for Qualified Students:** CTAG credit at any state institution with a course match for CTAGP003 (Agribusiness Management, 3 sem hours) or Articulated credit at University of Northwestern Ohio (UNOH) for AG 106 (Agribusiness Fundamentals, 3 sem hours).

### **860 Agricultural and Environmental Systems Capstone**

**1 - 2 Credits - Two Semesters** *Prerequisite: Completion of four (4) ag courses. Seniors ONLY with Teacher approval*

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way and occur both in and away from school. This cooperative education program is project/problem-based and can be completed through working for an agricultural or related business, establishing and successfully operating an agricultural related small business, performing research or other projects decided upon by student, instructor and other parties. 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 research, mentorship employment (work study), cooperative education, apprenticeships and internships. Total credits earned will be determined by the type of project and agreements by student, instructor and other parties.

## **BUSINESS & ADMINISTRATIVE SERVICE CAREER TECH PROGRAM (overview)**

Students prepare for careers in various business disciplines across a variety of industries. Students also use technology to synthesize and share business information, apply techniques used to manage people, learn accounting procedures and learn the basics of office management. Students participate in the BPA Workplace Skills Assessment program as well as create an Ohio Means Jobs account, doing career research and working to earn a job readiness seal of validation. Students also have the opportunity to participate in College Credit Plus and earn Microsoft Office Specialist (MOS) and other business related industry certifications.

### **900 Business Foundations:**

#### **1 Credit - Two Semesters** (Required course for all other Business classes)

This is the first course for the Business and Administrative Services career field. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics and business relationships. Students will use technology to synthesize and share business information. Employability skills, leadership and communications and personal financial literacy will be addressed.

- *Potential CCP Option through Clark State College (Personal Finance)*
- *Ohio Means Jobs Readiness Seal earned*

### **910 Office Management**

#### **1 Credit - Two Semesters** *Prerequisite: Business Foundations*

--Students will apply techniques used to manage people and information in a business environment. Students will learn to build relationships with clients, employees, peers and stakeholders and to assist new employees. They will manage business records, gather and disseminate information, and preserve critical artifacts. They will also examine contracts, internal controls and compliance requirements. Business office tools and applications will be emphasized through use of Microsoft Word, Excel, PowerPoint, Access, and Publisher.

- *Potential CCP Option through Clark State College (Computer Concepts & Software Applications)*
- *Potential Industry Certification (Microsoft Office Specialist)*
- *Potential to earn Technology seal*

### **920 Financial Accounting**

#### **1 Credit - Two Semesters** *Prerequisite: Business Foundations*

Students will track, record, summarize, and report a business's financial transactions. They will develop financial documents, project future income and expenses, and evaluate the accuracy of a business's financial information. Students will also apply tools, strategies, and systems to evaluate a company's financial performance and monitor the use of financial resources. Technology, employability skills, leadership and communication will be incorporated in classroom activities.

### **930 Fundamentals of Business and Administrative Services**

#### **1 Credit - Two Semesters** *Prerequisite: Business Foundations* (Intended as course 4 in the Business Program)

This course introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management, business informatics and office management. They will acquire knowledge of business operations, business relationships, resource management, process management and financial principles. Students will use technological tools and applications to develop business insights.

- *Potential CCP Option through Clark State College (Contemporary American Business & Employability Skills)*
- *Potential Industry Certifications (Entrepreneurship and Small Business)*

### **940 Business Pathway Capstone Project or Internship**

**1- 2 Credits - Two Semesters** *Prerequisite: Completion of four (4) business courses or concurrent with 4<sup>th</sup> Business course.* Seniors ONLY, unless approved by the teacher.

Students will apply knowledge, attitudes and skills that were learned in a Business and Administrative Services program in a more comprehensive and authentic way in this capstone course. Capstones often include project-based learning opportunities that occur both in and away from school. The Capstone course can be a vehicle students may use to earn Microsoft Office System (MOS) or other business area related certifications which can be used as credential points through Ohio Department of Education's graduation pathway. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience for an internship, to gain real work experience in an office setting.

## **ADVANCED MANUFACTURING CAREER PROGRAM(overview)**

The Advanced Manufacturing program will prepare students for technical and professional level careers in engineering and manufacturing. Students will learn various concepts and theories through a hands-on approach in this pathway.

### **1005 Introduction to Design and Development**

**1 Credit - Two Semesters** (Required course for all other Manufacturing classes)

**College credit opportunities are available for this course**

Students will learn the production processes applied across manufacturing operations. Students will be able to demonstrate a broad array of technical skills with an emphasis given to quality practices, measurement, maintenance and safety. Students may participate in “SkillsUSA”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit.

**College Credit for Qualified Students:** Rhodes State College- Manufacturing Concepts- IMT 1020 (2 sem hours) or CTAG credit at any state institution with a course match for CTMET004 (Manufacturing Processes, 3 sem hours) or Articulated credit at Clark State Community College for ENT 1050 (Manufacturing Foundations, 4 sem hours)

**Industry Credentials for Qualified Students:** OSHA 10 (Occupational Safety and Health Administration 10 Hour Training) – 1 point

**Potential to earn Technology seal**

### **1010 Automation with Robotics**

**1 Credit - Two Semesters** *Prerequisite: Introduction to Design & Development*

In this course, students will learn about robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems. Students may participate in “SkillsUSA”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit

**College Credit for Qualified Students:** CTAG credit at any state institution with a course match for CYMET005 (Computer Aided Design/Drafting, 3 sem hours)

**Industry Credentials for Qualified Students:** Autodesk Inventor Certified User Certification- 4 points, Universal Robots Core Training - 6 points

**Potential to earn Technology seal**

### **1015 Digital Electronics**

**1 Credit - Two Semesters** *Prerequisite: Introduction to Design & Development*

Students are introduced to the process of combinational and sequential logic design. The system uses a precise sequence of discrete voltages, representing numbers, non-numeric symbols or commands for input, processing, transmission, storage, or display. Engineering standards and methods for technical documentation will also be learned. Students will learn and practice soldering. Students may participate in “SkillsUSA”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply).

**College Credit for Qualified Students:** CTAG credit at any state institution with a course match for CTEET002 (Digital Electronics, 4 sem hours)

**Industry Credentials for Qualified Students:** NC3/Festo- Introduction to Mechatronics – 3 points

**Potential to earn Technology seal**



## **1020 Robotics**

**1 Credit - Two Semesters** *Prerequisite: Introduction to Design & Development*

Students will apply the knowledge and skills necessary to program and operate Robots, using the teach pendant as the main interface point. The Students will learn robotic operations and system configurations. Students will code, compile, and debug programs using the robotic programming language. Students may participate in “SkillsUSA”, which is a career-technical student organization aimed to develop leadership, academic and technology skills in the workplace (some fees apply). Students in this course may earn college credit

**College Credit for Qualified Students:** Articulated credit at Clark State Community College for ENT 1600 (Introduction to Robotics, 3 sem hours)

**Industry Credential for Qualified Students:** Motoman FS 100 Basic Handling Certification (6 points), FANUC Handling Tool Operation & Programming (6 points)

**Potential to earn Technology seal**

## **1025 Manufacturing Capstone**

**1- 2 Credits - Two Semesters** *Prerequisite: Senior; with permission of Instructor and Guidance Department*

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in the Manufacturing program in a more comprehensive and authentic way. Capstones often include project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

## **MEDIA ARTS PROGRAM (Overview)**

Students nurture their creativity in a safe and exciting environment. Students craft messages through a variety of software programs and applications. Students work independently and in teams in a remodeled and comfortable classroom to explore the world around them. Students connect to real-world learning. By enrolling in these classes, students can also participate in Business Professionals of America (BPA) club. BPA students have the opportunity to compete in local, regional, state and national competitions. Through BPA, students will meet new people and experience the business world in fun and nonthreatening ways! Through BPA, today's students become tomorrow's business professionals.

### **670 Media Arts Primer**

**1 Credit - Two Semesters** (Required course for all other Media Arts classes)

In this first course of the Media Arts pathway, students will learn the basics of photography, videography, radio techniques and graphic design. Creativity and a community atmosphere make this class a great way to explore an out-of-the-box approach to learning through projects, team building and individual self-discovery.

**Potential to earn Technology seal**

### **675 Digital Image Editing**

**1 Credit - Two Semesters** *Prerequisite: Media Arts Primer*

This course uses print and Web-based production to manipulate images for final output. Students will gain a perspective on analog image editing and delve into editing digital photos, illustrations, and other artwork. They learn to adjust resolution and exposure, modify color, compress data, and format and manage files. Students will use problem-solving strategies and work collaboratively to complete the Photography and Graphic Design creative process.

**Potential to earn Technology seal**

### **680 Photographic Composition (Photography)**

**1 Credit - Two Semesters** *Prerequisite: Media Arts Primer*

Grab a camera and start shooting and you will be surprised at how your story takes shape! Aesthetics and techniques are essential to producing a good photograph. This course focuses on capturing and manipulating images in digital photography. Topics include camera functions, mechanics of image capture, image manipulation, and print production. Students shoot photographs in various studio and indoor and outdoor settings.

**Potential to earn Technology seal**

### **690 Business of Arts & Communications**

**1 Credit - Two Semesters** *Prerequisite: Media Arts Primer, senior or with approval of Instructor.*

A growing number of professionals make a living in industries related to arts and communications. From event management to tracking expenses, students learn the business side of visual, media and performing arts. Topics include marketing, branding, producing, promoting, booking, budgeting and merchandising, etc. Students will learn and apply intellectual property rights, licensing, copyright, royalties, liabilities and contractual agreements. Students learn how both profit and non-profit organizations operate. This class is responsible for special events.

**Potential to earn Technology seal**

## **695 Arts & Communication Capstone**

**1-2 Credits - Two Semesters** *Prerequisite: Senior, completer of the Media Arts pathway, and teacher recommendation.*

If you have enjoyed other media classes and always wanted to spend more time in one area, this class will allow you to explore a Passion Project - a yearlong project of your own choosing. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, you combine classroom learning with work experience to benefit yourself and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships. You must take control of your own learning experience.