

Freshman Course Catalog

Russellville High School 2020-2021 Course Catalog





Dear Parents and Students,

On behalf of the faculty, staff, and administration, we would like to welcome you to Russellville High School. We take pride in providing educational experiences, which meet the needs of all learners through a varied and challenging curriculum. Through Advanced Placement (AP) courses, career-technical academies, and our state of the art athletic and fine art facilities, our students have the greatest opportunity to be actively involved in both their academic and extracurricular explorations.

This course catalog outlines the variety of course offerings that Russellville High School is proud to offer our students. We look forward to an exceptional school year full of rigorous coursework and memories that will last a lifetime.

Sincerely,

Mr. Jason Goodwin, Principal

Russellville High School

Russellville City Schools Board of Education

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Russellville High School Guidance

Alissa Moore

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Russellville High School Diploma Options Checklist



SUBJECT	HONORS	ADVANCED	STANDARD
ENGLISH 4 Credits	<input type="checkbox"/> English 9 Honors <input type="checkbox"/> English 10 Honors <input type="checkbox"/> AP Language <input type="checkbox"/> AP Literature or English 101/102	<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12 (3 must be Honors, AP or DE)	<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12
MATH 4 Credits (Computer Science Explorations, AP Computer Science A, and AP Computer Science Principles may count as a student's 4 th math credit. Students must have Algebra, Geometry, and Algebra II.)	<input type="checkbox"/> Algebra I Honors <input type="checkbox"/> Geometry Honors <input type="checkbox"/> Algebra II w/ Trig <input type="checkbox"/> _____ (Must be Advanced or AP Math)	<input type="checkbox"/> Algebra A&B or Algebra I <input type="checkbox"/> Geometry <input type="checkbox"/> Algebra II w/ Trig <input type="checkbox"/> _____ (Must be Advanced or AP Math)	<input type="checkbox"/> Algebra A&B or Algebra I <input type="checkbox"/> Algebra II <input type="checkbox"/> Geometry <input type="checkbox"/> _____ (Any other math eligible course or substitute course.)
SCIENCE 4 Credits (Must include Biology and Physical Science)	<input type="checkbox"/> Biology Honors <input type="checkbox"/> Chemistry Honors <input type="checkbox"/> _____ <input type="checkbox"/> _____ (Must include Chemistry and 2 Advanced Sciences excluding Earth Science and Environmental Science)	<input type="checkbox"/> Biology Honors <input type="checkbox"/> Chemistry or Physics <input type="checkbox"/> _____ <input type="checkbox"/> _____ (Excluding Earth Science or Environmental Science)	<input type="checkbox"/> Biology <input type="checkbox"/> Physical Science <input type="checkbox"/> _____ <input type="checkbox"/> _____
SOCIAL SCIENCE 4 Credits	<input type="checkbox"/> World History <input type="checkbox"/> US History - Early <input type="checkbox"/> US History - Modern <input type="checkbox"/> Govt & Economics (4 must be Honors, AP, or DE)	<input type="checkbox"/> World History <input type="checkbox"/> US History - Early <input type="checkbox"/> US History - Modern <input type="checkbox"/> Govt & Economics (3 must be Honors, AP, or DE)	<input type="checkbox"/> World History <input type="checkbox"/> US History - Early <input type="checkbox"/> US History - Modern <input type="checkbox"/> Govt & Economics
PHYSICAL EDUCATION	<input type="checkbox"/> PE, Marching Band, or JROTC	<input type="checkbox"/> PE, Marching Band, or JROTC	<input type="checkbox"/> PE, Marching Band, or JROTC
FOREIGN LANGUAGE	<input type="checkbox"/> _____ <input type="checkbox"/> _____ (2 credits of the same language)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ (2 credits of the same language)	Not Required
HEALTH (1/2 Credit)	<input type="checkbox"/> Health	<input type="checkbox"/> Health	<input type="checkbox"/> Health
CAREER PREP (1 Credit)	<input type="checkbox"/> Career Preparedness	<input type="checkbox"/> Career Preparedness	<input type="checkbox"/> Career Preparedness
CTE or ART ELECTIVE (1 Credit)	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____ (May be CTE, Foreign Lang, or Art)
ADDITIONAL ELECTIVES	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ (8 ½ Credits)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ (6 ½ Credits)	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ (4 ½ Credits) (2 must be CTE, Foreign Lang, or Fine Art)
AP REQUIREMENTS	4 core courses from above must be AP or Dual Enrollment	Not Required	Not Required
Total Credits	30	28	24

*1/10/20

Russellville High School

Weighted Courses

Procedures for determining Class Rank & Grade Point Averages

For the purpose of class ranking and the computation of grade point averages for students classified as seniors, grades will be computed at the end of the seventh (7th) semester of high school (fall of the senior year).

1. Students must be receiving a minimum of an Alabama High School Advanced or Honors Diploma, to be Valedictorian or Salutatorian
2. The candidates for Valedictorian and Salutatorian must have been continuously enrolled at Russellville High School for the previous consecutive four (4) semesters prior to the date of their graduation (the latest a transfer student may enter RHS and be considered for Valedictorian/Salutatorian is the beginning of their junior year in the fall and remain for the next four consecutive semesters including the graduating semester).
3. Class Ranking: Beginning with the class of 2019 and beyond: Student class ranking shall be decided by the Weighted Quality Point GPA average. A "tie" will be the absolute SAME Quality Point GPA to the fifth (5th) decimal placing and a numeric GPA to the (5th) decimal placing.

Weighted Averages:

Intent: Weighted grades recognize the increased difficulty of demanding academic courses and attempts to compensate the student for the additional risk and work. The inception of weighted courses into the grade point average calculation is an attempt to challenge the students at Russellville High School to greater individual academic achievement through selection of more rigorous academic coursework. Weighted averages may also provide students at Russellville High School with an opportunity to compete with students from comparable schools for college admission and academic scholarships.

WEIGHTED COURSES		
Department of Social Studies Economics and Government Adv Honors US History US History AP *Dual enrollment Psychology	Department of Language Arts Honors English 9 Honors English 10 English 11 & 12 Honors AP Language AP Literature	Career and Technical Education (Weighted on a 5 point scale) Internship to Healthcare Multimedia Design Advanced Accounting Adv. Bus. Tech Applications Nurse Aide Training Engineering Systems Engineering Research & Design
Department of Mathematics Honors Alg. I Honors Algebra II with Trigonometry Honors Geometry Honors Pre-Calculus AP Calculus	Department of Science Honors Biology Honors Chemistry AP Biology AP Chemistry	

All Honors, Core Dual Enrollment and Advanced Placement courses taught on RHS campus will be weighted. Only and all dual enrollment classes taken on RHS campus will appear on the student's transcript. Any courses taken at any other post-secondary institutions can, upon request be entered to RHS student transcript; however, will not count towards the student's numerical GPA, quality point GPA, or class ranking.

Scale for Weighting Courses:

Letter Grade	Numerical Grade	Basic Course Quality Points	Honors / Advanced / Dual Enrollment Course Quality Points	AP Course Quality Points
A	90-100	4	5	6
B	80-89	3	4	5
C	70-79	2	3	4
F	0-69	0	0	0

10/26/18

Course Descriptions

English Course Descriptions

Course: English 9 (200005)

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
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Course Description: This course concentrates mainly on developmental skills in the use of grammar and its component parts by reinforcing and extending the skills learned earlier. Literature study includes short stories, poetry, drama, and a novel. Reading comprehension and vocabulary building are emphasized. Learning activities will provide students with a better understanding of the various processes of writing and also enhance their critical thinking skills.

Course: English 9 Honors (200007) *This is a weighted course. Please see page 5 for more information.

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
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Course Description: This course focuses on using Close Reading strategies to extract meaning from a variety of texts in order to write analytical and persuasive compositions. An emphasis is placed on applying critical reading strategies and thinking skills to selected works in order to analyze literary criticism and discuss the way literary elements support an author's theme/argument concerning social justice and human relationships.

Math Course Descriptions

(Due to the updated Math Course of Study, all 9th grade students will be required to take Geometry.)

Course: Geometry with Data Analysis

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
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Course Description: Geometry with Data Analysis is a newly-designed course which builds on the students' experiences in the middle grades. It is the first of three required courses in high school mathematics. Students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts. An emphasis on reasoning and proof throughout the content area promotes exploration, conjecture testing, and informal and formal justification. Students extend their middle school work with conjecturing and creating informal arguments to more formal proofs. Students also perform algebraic calculations with specific application to geometry that build on foundations of algebra. Students also build from earlier experiences in analyzing data and creating linear models to focus on univariate quantitative data on the real number line and bivariate quantitative data on a coordinate plane (creating linear models).

Course: Advanced Geometry with Data Analysis

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
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Course Description: This is an advanced course. Geometry with Data Analysis is a newly-designed course which builds on the students' experiences in the middle grades. It is the first of three required courses in high school mathematics. Students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts. An emphasis on reasoning and proof throughout the content area promotes exploration, conjecture testing, and informal and formal justification. Students extend their middle school work with conjecturing and creating informal arguments to more formal proofs. Students also perform algebraic calculations with specific application to geometry that build on foundations of algebra. Students also build from earlier experiences in analyzing data and creating linear models to focus on univariate quantitative data on the real number line and bivariate quantitative data on a coordinate plane (creating linear models).

Science Course Descriptions

Life Science

Course: Biology (220011)

Grade: 9-10

Credit(s): 1

Prerequisite:

Fee: \$10

Course Description: An introductory study of the fundamentals of biology. Topics include the scientific method, ecology, the cell, genetics, classification, microorganisms, fungi, plants, invertebrates, vertebrates and human biology. Lab participation is required.

Course: Biology – Honors (220013) *This is a weighted course. Please see page 5 for more information.

Grade: 9-10

Credit(s): 1

Prerequisite: None

Fee: \$10

Course Description: This course is designed for the college-bound student who wishes further investigation into the biological sciences. This is a recommended course for anyone wishing to enroll in AP Biology. The course will examine scientific method, classification, cell structure and function, genetics, evolution, ecology, microbiology, and biotechnology. Students will be required to participate in laboratory investigations.

Course: Physical Science (220051)

Grade: 9-10

Credit(s): 1

Prerequisite: None

Fee: \$10

Course Description: This course is an introductory study of the chemical and physical properties of matter and energy. It is devoted to an understanding of basic chemical principles, a description of the atom, writing chemical formulas and equations, and the periodic table. **This course counts as a science credit only on the standard diploma and as an elective credit on the advanced diploma.**

Social Science (History) Course Descriptions

Course: World History: 1500 to Present (230013)

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
Course Description: This course offers students a survey of world events from 1500 to modern times. An emphasis is placed on geographic impact and development of civic knowledge and responsibilities.			

Course: Advanced World History: 1500 to Present (230015)			
Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
Course Description: Advanced work in the chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present.			

Physical Education Course Descriptions

Course: Physical Education / LIFE (Girls) (10th-12th: 240002ac) (9th: 240002)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: None
Course Description: A required one-credit high school course providing students with a blueprint for a lifetime of healthy living. Through the LIFE course, students will gain knowledge regarding the elements of fitness and how to apply these to their daily life. Lifelong activities such as walking, running, aerobics, tennis, badminton, hiking, etc. are used to improve fitness levels. In addition, students are required to develop an individualized fitness plan that establishes a foundation for a healthy future.			

Course: Physical Education / LIFE (Boys) (10th-12th: 240002al) (9th: 240002aa)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: None
Course Description: A required one-credit high school course providing students with a blueprint for a lifetime of healthy living. Through the LIFE course, students will gain knowledge regarding the elements of fitness and how to apply these to their daily life. Lifelong activities such as walking, running, aerobics, tennis, badminton, hiking, etc. are used to improve fitness levels. In addition, students are required to develop an individualized fitness plan that establishes a foundation for a healthy future.			

Course: Weight Training (240014) (Required if participating in a sport.)			
Grade: 9-12	Credit(s): 1	Prerequisite: Sports Team Members Only	Fee: None
Course Description: This lecture course includes the basic principles of physical education and physical fitness. It explores the psychological and physiological effects of exercise and physical fitness, including effects on the human skeleton, muscle development, respiration, and coordination. It is viewed as an introduction to such laboratory courses as slimnastics, weight training, and conditioning. The course may also include fitness evaluation, development of individual fitness programs, and participation in fitness activities			

Foreign Language Course Descriptions

Course: Spanish I (270153)

Grade: 9-12

Credit(s): 1

Prerequisite: None

Fee: None

Course Description: A beginning course in Spanish 1 develops basic listening, speaking, and writing skills necessary to communicate about self, family, and daily life. It introduces the students to basic vocabulary and fundamental sentences structure in the present and past tense. Students will also explore cultural aspects of the Spanish-speaking world.

Health and Driver Education Course Descriptions

Course: Health Education (250002)

Grade: 9-10

Credit(s): ½

Prerequisite: None

Fee: \$20

Course Description: Health education is a required one-semester course usually paired with driver and traffic safety education. Health education students and driver and traffic safety education students share the same block. The emphasis in health education is on providing students with up to date information concerning health issues and on providing students with knowledge about their bodies and how to maintain a healthy lifestyle throughout their adult lives. There are a broad range of topics covered in developing a healthy lifestyle such as: making responsible food choices, costs and problems of drug use, preventing and treating communicable and non-communicable diseases, handling emergencies, benefits of physical fitness, understanding your emotions, and building healthy relationships. Students will attend both classes each week during the semester. **\$20 covers the cost of CPR card and face shield**

Course: Driver and Traffic Safety Education (290001)

Grade: 9-10

Credit(s): ½

Prerequisite: Age 15+

Fee: \$35

Course Description: This course is a basic introduction of the fundamentals necessary for safe and responsible driving. Driver education develops an understanding and adaptation to traffic in terms of knowledge, attitudes, and skills. Duration of the course involves 30 hours of classroom instruction and 4-6 hours of behind-the-wheel instruction per semester. The goal of the classroom instruction phase is for students to learn the fundamentals of safety and responsibility within the driving environment. During classroom instruction, nine areas are addressed including highway license requirements, traffic laws, responsible ownership, driving procedures and maneuvers, sharing the road with motorized and non-motorized users, factors related to youthful drivers, physical and mental impairments, driving environments and conditions, and boating safety. The behind-the-wheel instruction phase is performance based as it gives beginning drivers actual driving experience under the supervision of a certified driver education teacher during actual on-the-street/behind-the-wheel driving in an automobile with dual controls. Students may also take advantage of the third-party testing program (driving test) at Russellville High School. This program allows the driver education teacher to be a designated testing agent of the Alabama Department of Public Safety to administer the driver portion of the licensing exam.

Fine Arts Course Descriptions

Band

Course: Marching Band I (283102), Marching Band II (283202), Marching Band III (283302), Marching Band IV (283402)

Grade: 9-12	Credit(s): 1	Prerequisite: Approval of the band director and enrollment in either Instrumental Techniques, Concert Band, or Wind Ensemble	Fee: \$100
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Course Description: This group will meet each fall semester with rehearsals beginning in late July. The class will meet during skinny period with three rehearsals after school. The marching band performs at all Russellville High School football games as well as parades and competitions. This course also fulfills the required LIFE Physical Education credit.

Course: Wind Ensemble I (283106), Wind Ensemble II (283206), Wind Ensemble III (283306), Wind Ensemble IV (283406)

Grade: 9-12	Credit(s): 1	Prerequisite: Approval of band director and enrollment in Marching Band	Fee: None
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Course Description: This is the most advanced of the ensembles and is designed for the student who is a highly competent performer. The student is challenged by the music of the highest caliber, requiring a more sophisticated understanding of complex rhythms, all key signatures, musical terminology, ensemble skills, and extra effort on the part of the student. Wind Ensemble is a major performing ensemble, and participation in concerts and festivals is required. After school rehearsals on an as needed basis.

Course: Concert Band I (283100), Concert Band II (283200), Concert Band III (283300), Concert Band IV (283400)

Grade: 9-12	Credit(s): 1	Prerequisite: Approval of band director and enrollment in Marching Band	Fee: None
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Course Description: This course is for the student who has attained intermediate proficiency on his/her instrument. Music of increasing difficulty is presented with instruction designed to increase the range, flexibility, endurance, tone quality, and artistic interpretation of the student. This group performs in school and public concerts. Attendance at extra rehearsals and performances is required.

Course: Instrumental Techniques (283116)

Grade: 9-12	Credit(s): 1	Prerequisite: Approval of the band director and enrollment in either Instrumental Techniques, Concert Band, or Wind Ensemble	Fee: None
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Course Description: This course is designed to develop musical performance skills for the beginner or novice musician

Theatre Arts

Course: Theatre I (285100)

Grade: 9-12

Credit(s): 1

Prerequisite: None

Fee: \$25.00

Course Description: The purpose of this course is to increase students' understanding, appreciation, and critical perceptions of the theatrical event. Readings and lectures will focus on the elements of theatrical practice; artists and innovators of theatre throughout history; and on the theatre's development as an art form and a social phenomenon; participation in class forum discussions and sharing of critiques and short reports will offer avenues to explore students' individual theatrical interests; and optional attendance at theatrical events will offer firsthand experience in theatre arts.

Course: Musical Theatre I (285101), Musical Theatre II (285201), Musical Theatre III (285301), Musical Theatre IV (285401)

Grade: 9-12

Credit(s): 1

Prerequisite: Audition

Fee: *\$200 for Musicals and \$50.00 for Concerts

Course Description: This course is a performance course. Entry into this course is audition-based. The focus of this course is the performance of monologues, scenes, and songs, as well as participation in competitions and RHS Musical Theatre productions. ***Funds can be raised through fundraisers and sponsorships.**

Course: Introduction to Technical Theatre Production (285102), Technical Theatre Production II (285202), Technical Theatre Production III (285302)

Grade: 9-12

Credit(s): 1

Prerequisite: Director Approval

Fee: \$25 Material Fee

Course Description: This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.

Visual Arts

Course: Introduction to Art: (286100)

Grade: 9-12

Credit(s): 1

Prerequisite: None

Fee: \$25 Art Supplies

Course Description: This course provides students with a general foundation in studying various types of art. Those types of art include drawing, painting, arts and crafts and sculpture & pottery, printmaking, and graphic design. Students will apply the elements and principles of art to create original works of art.

Course: Arts and Crafts (286101)

Grade: 9-12

Credit(s): 1

Prerequisite: None

Fee: \$25 Art Supplies

Course Description: This course provides students with a foundation in studying various types of arts and crafts. Those types of arts and crafts include clay, ceramics, fabric, weaving, painting and other types of media. Students will apply the elements and principles of art to create original works of art.

Course: Painting (286208)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$25 Art Supplies
Course Description: This course provides students with a foundation in studying various types of painting. Those types of paintings include watercolor, acrylic, oil, tempera, mixed media and other types of media. Students will apply the elements and principles of art to create original works of art.			

Course: Drawing (286210)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$25 Art Supplies
Course Description: This course provides students with a foundation in studying various types of drawing. Those types of drawing include pencil, ink, charcoal, colored pencil, marker, oil pastel and chalk pastels. Students will apply the elements and principles of art to create original works of art.			

Course: Sculpture and Pottery (286211)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$25 Art Supplies
Course Description: This course provides students with a foundation in studying various types of sculpture and pottery. Those types of sculpture and pottery includes working with clay, ceramics, wire and paper. Students will apply the elements and principles of art to create original works of art.			

Vocal Music

Course: Beginning Chorus (283600)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$25 Music Literature
Course Description: This course is available for first-year choral students regardless of grade level. This ensemble will perform and compete in all choral activities, and students will be eligible for individual events throughout the year.			

Course: Advanced Chorus II (283700), Advanced Chorus III (283800), Advanced Chorus IV (283900)			
Grade: 9-12	Credit(s): 1	Prerequisite: Beg. Chorus	Fee: \$25 plus travel
Course Description: Students will qualify for this course through auditions and will participate in competitive vocal performances throughout the year.			

Course: Beginning Theory and Sight Reading (284750)			
Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$25
Course Description: Study of sight-reading and musical theory skills.			

Career & Technical Education Course Descriptions

Agriscience

Course: Agriscience (420009)

Grade: 9-12	Credit(s): 1	Prerequisite:	Fee: \$25 Materials/Equipment
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Course Description: This course provides students with a general overview of the Agriculture, Food, and Natural Resources cluster. This course contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students will be involved in classroom and laboratory activities in each of the five pathway areas. Topics included in this course include career opportunities, safety, technology applications, agribusiness leadership, environmental science, soil science, plant science, forestry, animal science, aquaculture, wildlife science, pest management, woodworking, metalworking, small engines, electrical wiring, and plumbing.

Business Education

Course: Career Preparedness B (400027)

Grade: 9	Credit(s): ½	Prerequisite: Career Prep A	Fee: None
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Course Description: This course prepares students with knowledge and skills in the areas of career development and academic planning and financial literacy. The required 20-hour online experience can be met by successful completion of both Career Preparedness A and Career Preparedness B. **Students who attended RMS should have completed the first part of this class in 8th grade.**

Course: Business Technology Applications (450006)

Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: \$20 Materials
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Course Description: A one-credit foundation course designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications.

Course: Advanced Business Technology Applications (450031) *This is a weighted course. Please see page 5 for more information.

Grade: 9-12	Credit(s): 1	Prerequisite: Career Prep (Business Course)	Fee: \$20 Materials
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Course Description: This course is designed to provide students with skills in computer technology and using integrated software with basic business applications. This course utilizes computers as a business tool through the use of database, spreadsheet, word-processing, and presentation software, along with Internet research. This course is a must for anyone wanting to attend college. A major emphasis is placed on guiding students through real-world experiences to ease the school-to-career transition. Students can receive articulated college credit for CIS 146 through NWSCC for this course. **Microsoft certifications are offered in this course free of charge.**

Course: Entrepreneurship (400017)**Grade: 9-12****Credit(s): 1****Prerequisite: None****Fee: \$20 Materials**

Course Description: This course provides students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations.

Computer Science

Course: Information Technology (IT) Fundamentals (520005)**Grade: 9-12****Credit(s): 1****Prerequisite: None****Fee: None**

Course Description: A one credit course that introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and demonstrate knowledge of the functions of information systems in business.

Course: Computer Science Explorations (520043)**Grade: 9-10****Credit(s): 1****Prerequisite: Algebra I****Fee: None**

Course Description: Exploring Computer Science is an introductory year-long high school computer science course for students in Grades 9-10 focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required. ***This course may also serve as a math credit.**

Course: Cyber (520038) Foundations of Information Security (Cyber)**Grade: 9-12****Credit(s): 1****Prerequisite: None****Fee: None**

Course Description: A one-credit course that introduces students to the field of Cyber Security. Students will become familiar with Microsoft Windows and Linux Operating Systems. They will learn to use multiple numbering systems and how these systems are used in network addressing and operating system configuration. Students will also gain experience in the areas of vulnerability identification, risk assessment, risk mitigation techniques, WiFi security, IP Addressing, and Informational Ethics. Co-requisite: Students must be concurrently enrolled in Algebra 1 or higher level math.

Cosmetology

Course: (510060) Introduction to Cosmetology: Cosmetology 1**Grade: 9-12****Credit(s): 1****Prerequisite: None****Fee: \$50 for Mannequin Head and Nail Kit**

Course Description: This course is designed to provide students with a study of concepts related to the cosmetology profession. Students gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling and is not limited to manicures, pedicures, facial care, cosmetics, shampooing, and conditioning theory.

Engineering

Course: Engineering I – Foundations of Engineering (560011)

Grade: 9	Credit(s): 1	Prerequisite: None	Fee: None
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Course Description: Foundations of Engineering is a course designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematical principles used in problem solving through the engineering design process.

Course: Introduction to Robotics and Rocketry (540031)

Grade: 9-12	Credit(s): 1	Prerequisite: Must be a member of Robotics and / or Rocketry Team	Fee: None
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Course Description: A one-credit course designed to introduce students to the fundamentals of robotics. The course emphasizes the fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems.

Family and Consumer Science

Course: Family and Consumer Science (510004)

Grade: 9-10	Credit(s): 1	Prerequisite: None	Fee: \$30 for Groceries/Sewing Supplies
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Course Description: Family and Consumer Science is designed for 9th and 10th grade students as a general course. The focus is on preparing the student to establish and maintain a satisfying home and family life and work life. Course Content provides opportunities for students to explore family food, clothing, technology, relationships and resource management. Family, Career and Community Leaders of America (FCCLA) is an integral part of the curriculum, enhances leadership development skills and provides opportunities for community service.

JROTC / Army Leadership

Course: JROTC 1 (480041)

Grade: 9	Credit(s): 1	Prerequisite: Age 14+	Fee: None
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Course Description: Unit 1 – Citizenship in Action: This course engages students in the practice of basic citizenship customs and traditions and explores the opportunities for non-military and military national service. ***May count as PE credit and/or Career Preparation.**

Manufacturing

Course: Architecture, Construction, and Manufacturing (Introduction to Manufacturing) 430004

Grade: 9-12	Credit(s): 1	Prerequisite: None	Fee: None
Course Description: A one-credit course that introduces students to core knowledge and skills in the areas of design, preconstruction, construction, maintenance, operations, and installation and repair which are foundational to courses related to careers in architecture, construction and manufacturing industries. This course is not a prerequisite for entering a specific pathway. This course is an introductory course to the Manufacturing Program that RHS will launch in 20/21. It may be taught by Mr. Nichols, Mr. Moore, or facilitated online. This will be determined based on interest.			

Other Elective Course Descriptions

Course: English as a Second Language (300001)			
Grade: 9-12	Credit(s): 1	Prerequisite: See Below	Fee: None
<p>Prerequisites: Qualifying students that have a score of 4.7 or lower on the ACCESS test or have LEP 1 status meaning 1st year in the U.S. from native country.</p> <p>Course Description: ESL is designed to help limited English-speaking students become more proficient in speaking, reading, writing, and comprehending English. Upon successful completion of this course, students may receive one-credit each semester they are enrolled.</p>			

Course: Teen Leadership (802207ab)			
Grade: 9	Credit(s): ½	Prerequisite: None	Fee: None
<p>Course Description: Teen Leadership is a class in which students develop leadership, professional, and business skills. They learn to foster a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility including social media's impact on image. Students will develop an understanding of Emotional Intelligence and the skills it measures, which includes self-awareness, self-control, self-motivation, and social skills. Students also develop skills in public speaking and communication. They will understand the concept of principle-based decision-making and learn to make responsible financial decisions. In addition, students will develop an understanding of the effects of peer pressure, skills to counteract those effects, bullying prevention and defending skills, and will problem-solving skills. Throughout the class, students will employ various technologies to support and empower them to take their skills to the next level. As members of a community, students also develop leadership skills practiced in the form of community service. They will also develop an understanding of the need for vision in goal-setting, both personally and professionally.</p>			

Russellville High School

Clubs / Extracurricular Opportunities

Clubs	Students Against Destructive Decisions (SADD)
28+ and 30+ ACT Clubs	Scholars' Bowl
A cappella Ensemble	Science Club
ACT Rising Club	Skills USA (Cosmetology and Automotive Technology)
America History Honors Club	Spanish Club
Annual & Newspaper Staff	Student Booster Club
Art Club	Student Council
Band: Marching, Concert, and Percussion Ensemble	TigerVision
Chemistry Club	Athletics
Chorus	Boys Baseball (Varsity and Junior Varsity)
Cosmetology Club	Boys Basketball (Varsity and Junior Varsity)
Christian Students United (CSU)	Boys Cross Country
Drama	Boys Football (Varsity and Junior Varsity)
Educators Rising	Boys Golf
Future Business Leaders of America (FBLA)	Boys Soccer
Family, Career, and Community Leaders of America (FCCLA)	Boys Tennis
Future Farmers of America (FFA)	Boys Track
Future Health Professionals (HOSA)	Girls Basketball (Varsity and Junior Varsity)
Junior Reserve Officers Training Corps (JROTC)	Girls Cross Country
Key Club	Girls Cross Country
Library / Media Cub	Girls Golf
Miss RHS	Girls Cheerleading (Varsity and Junior Varsity)
Mu Alpha Theta (Math Club)	Girls Soccer
Musical Theatre	Girls Softball (Varsity and Junior Varsity)
National Honor Society (NHS)	Girls Tennis
National Technical Honor Society (NTHS)	Girls Track
RCS Engineering (Robotics and Rocketry)	Girls Volleyball
RCS Youth Leadership Academy	