



ROYAL VALLEY HIGH SCHOOL

CURRICULUM GUIDE

2024-2025

Dear Royal Valley High School Students and Parents,

In the rapidly changing 21st Century job market, our goal at RVHS is to ensure every student graduates ready for the future. Beyond a high school diploma, we want our students to leave with a clear plan for employment or further education.

We encourage thoughtful course selection aligned with your career goals. Whether college is in your plans or not, consider our Career Pathways or programs at the Washburn Institute of Technology for practical skills and opportunities.

Together, let's prepare for a bright and successful future.

Best regards,

RVHS Faculty and Administration

Bell Schedule

Our school operates on a rotating bell schedule that adapts to the length of the school week. In a standard 5-day week, the schedule follows an A day, B day, A day, B day, and then C day pattern. This ensures a balanced rotation of classes and activities. In the event of a 4-day week, the schedule is slightly modified to include A day, B day, A day, and B day, omitting the C day to accommodate the shorter week. Lastly, for a 3-day week, the schedule is arranged as A day, B day, and then C day, ensuring each day type is included within the limited time frame. This flexible scheduling system allows for an effective distribution of instructional time and activities, regardless of the week's length.

A & B Day Bell Schedule

| | |
|-----------------|-----------------|
| Club Meetings | 7:45 – 8:10am |
| 1A/1B | 8:10 – 9:36am |
| Nutrition Break | 9:36 – 9:39am |
| 2A/2B | 9:43 – 11:09am |
| Seminar | 11:13 – 11:58am |
| Travel Time | 11:38 M |
| 3A/3B | 12:02 – 1:52pm |
| Lunch (1) | 11:58 – 12:20pm |
| Lunch (2) | 12:24 – 12:46pm |
| 4A/4B | 1:56 – 3:22pm |

C-Day Bell Schedule

| | |
|-----------------|-----------------|
| Club Meetings | 7:45 – 8:10am |
| 1A | 8:10 – 8:51am |
| 2A | 8:55 – 9:35am |
| Nutrition Break | 9:35 – 9:38am |
| 1B | 9:42 – 10:22am |
| 2B | 10:26 – 11:06am |
| Seminar | 11:10 – 11:50am |
| 3A | 11:54 – 1:10pm |
| Lunch (1) | 11:50 – 12:12pm |
| Lunch (2) | 12:16 – 12:38pm |
| 4A | 1:14 – 1:54pm |
| 3B | 1:58 – 2:38pm |
| 4B | 2:42 – 3:22pm |

GRADUATION PATHWAYS

As each student enters his/her sophomore, junior, and senior year the parent must choose a graduation pathway for their student so the school knows how to maintain the course schedule of the student. Different graduation pathways are described below.

| Subject Area | RVHS Diploma Class of 2027 and Beyond (Qualifies student for admission to State Community College and Technical Schools) | RVHS Diploma Class of 2024-2026 26 Total Credits (Qualifies student for admission to State Community College and Technical Schools) | Qualified Admissions Curriculum (Qualifying curriculum for admission to a Kansas Regent University is recommended, but not required) | Kansas Scholar Curriculum (Qualifying curriculum for admission to a KS Regent University, completers receive a certificate from the State. Possible State scholar designation based on test scores, grades, & funding is based on need) |
|--|---|--|---|---|
| English | <u>3.5 Credits</u> 1.0 English I 1.0 English II 1.0 English III 0.5 English IV | <u>4 Credits</u> 1.0 English I 1.0 English II 1.0 English III 0.5 English IV 0.5 English Elective | <u>4 Credits</u> *Only those courses pre-approved by the KS Board of Regents *One credit must be completed during each year of high school. | <u>4 Credits</u> *Only those courses pre-approved by the KS Board of Regents *One credit must be completed during each year of high school. |
| Communication | <u>0.5 Credits</u> 0.5 Speech or another Communication Course | | | |
| Science | <u>3 Credits</u> 1.0 Biology 1.0 Physical Science or Chemistry 1.0 Science credit | <u>3 Credits</u> 1.0 Biology 1.0 Physical Science or Chemistry 1.0 Science credit | <u>3 Credits</u> 1.0 Biology 1.0 Physical Science or Chemistry 1.0 Science credit | <u>3 Credits</u> 1.0 Biology 1.0 Chemistry 1.0 Physics |
| Math | <u>3 Credits</u> 1.0 Algebra 2.0 additional Math | <u>3 Credits</u> 1.0 Algebra 2.0 additional Math | <u>4 Credits</u> 1.0 Algebra 1.0 Geometry 1.0 Algebra 2 1.0 Course > Alg. 2 (student only needs 3.0 credits with ACT Math score 22 or above) | <u>4 Credits</u> 1.0 Algebra 1.0 Geometry 1.0 Algebra 2 1.0 Course > Alg. 2 |
| STEM | <u>1 Credit of STEM</u> 1.0 Computer Science or another approved STEM course | | | |
| Social Science | <u>3 Credits</u> 1.0 World History 1.0 US History 0.5 Government 0.5 Economics | <u>3 Credits</u> 1.0 World History 1.0 US History 0.5 Government 0.5 Economics | <u>3 Credits</u> 1.0 World History 1.0 US History 0.5 Government 0.5 Economics | <u>3 Credits</u> 1.0 World History 1.0 US History 0.5 Government 0.5 Economics |
| Fine Arts | <u>1 Credit</u> | <u>1 Credit</u> | <u>1 Credit</u> | <u>1 Credit</u> |
| Physical Education | <u>1 Credit</u> 0.5 Health 0.5 PE | <u>1 Credit</u> 0.5 Health 0.5 PE | <u>1 Credit</u> 0.5 Health 0.5 PE | <u>1 Credit</u> 0.5 Health 0.5 PE |
| Financial Literacy | <u>0.5 Credit</u> 0.5 Personal Finance | <u>0.5 Credit</u> 0.5 Personal Finance | <u>0.5 Credit</u> 0.5 Personal Finance | <u>0.5 Credit</u> 0.5 Personal Finance |
| Foreign Language | | | <u>2.0 credits</u> (recommended) | <u>2.0 Credits</u> (Same Language) |
| Career & Tech Ed. Electives | <u>1.0 Credits</u> <u>8.5 Credits</u> | <u>2.0 Credits</u> <u>8.5 Credits</u> | <u>2.0 Credits</u> <u>8.5 Credits</u> | <u>2.0 Credits</u> <u>8.5 Credits</u> |



Qualified Admissions

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

ACCREDITED HIGH SCHOOL

Freshman applicants, under the age of 21, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:

- Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060)*

K-State:

- Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060)*

KU:

- Cumulative High School GPA 3.25+
OR Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)*

ALL Institutions Require:

- Cumulative GPA 2.0+ for College Credits earned in High School

KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED: To best prepare for the rigor of college-level courses, the Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:



English
4 units



Math
4 units
1 unit of each:
Algebra I, Geometry,
Algebra II
1 unit: Advanced Math
See [KS Scholars page](#)
For Math course list



Social Science
3 units
1 unit U.S. History
.5 unit U.S. Gov
.5 unit World History
1 unit: Social Science course
See [KS Scholars Page](#) for
Social Science course list



Science
3 units
1 unit of each:
Biology, Chemistry, &
Physics



Foreign Language
2 units of the same
language

KANSAS SCHOLARS Program: More information about the Kansas Scholars Scholarship & Curriculum can be found [here](#) (pdf).

HOMESCHOOL & UNACCREDITED HIGH SCHOOL

Freshman applicants, under the age of 21, who are homeschooled or graduate from an unaccredited high school will be guaranteed admission to the six state universities by achieving an ACT score equivalent to those outlined above, per each university. If you enroll in college courses while in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

**If you do not meet the qualified admission requirements, you are still encouraged to apply. Your application will be reviewed individually. Contact the university admissions office for more information.*

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

December 2022

REGENTS SCHOLAR CURRICULUM

A student who completes the Kansas Regents Scholar Curriculum and criteria would receive completion certificates from the state. Completion of this pathway would also make the student eligible for state scholarships. The criteria for these scholarships are test scores, grades, and financial need.



KANSAS BOARD OF REGENTS

Kansas Scholars Curriculum & State Scholar Quick Facts

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

KANSAS SCHOLARS CURRICULUM

English - 4 years

One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

Mathematics - 4 years

Algebra I, Algebra II, Geometry, and one unit of advanced mathematics— suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable; the student would then only need three years of math in high school.

Science - 3 years

One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

Social Studies - 3 years

One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

World Language - 2 years

Two years of one language. Latin and Sign Language are accepted.

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature.

The academic profile of recent scholars include an average ACT of 29 and an average GPA of 3.92. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at (785) 430-4300 or at scholars@ksbor.org.

NCAA ELIGIBILITY

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org.

Weighted classes:

Semester grades earn points based on a 4.0 scale, unless the course meets the following criteria to be considered "weighted".

1. The course requirements, expectation, level of content material to be learned and standards for grading must be significantly higher than those of other courses.
2. The Course has been approved by the department, administration and the Board of Education.

The following classes are designated as weighted: College Speech, College Algebra, College Stats, College English I, College English II, Calculus I, Calculus II, Honors Spanish IV, Trigonometry, and Physics.

| Grade Earned | Normal | Weighted |
|--------------|--------|----------|
| A | 4.00 | 5.00 |
| B | 3.00 | 4.00 |
| C | 2.00 | 3.00 |
| D | 1.00 | 2.00 |
| F | 0.00 | 0.00 |

Course Icon Key

 = College Credit

 = Weighted Credit

 = College and Career Pathway

RVHS CAREER PATHWAYS

Career Pathways provide students a sequential set of classes to explore careers of interest and develop skills in preparation for college and a career. **Introductory courses** allow students to explore a wide variety of careers within the field. **Technical level** courses focus on specific skills that are needed within the career area. Students who have gained the technical skills within the pathway are eligible to enroll in **application level** courses, which provide "real-world" experiences in the classroom with industry mentors or through professional workplace experience.

Benefits of College & Career Pathways

- Access to exclusive project-based learning experiences
- Exposure to high-demand, high-income industries
- Small learning communities of students centered on student's field of interest
- Career exploration so student can determine his/her career and educational plan beyond high school
- Freedom to explore multiple pathways

| AGRICULTURE, FOOD & NATURAL RESOURCES | |
|--|---|
| Plant Systems | Comprehensive Ag. |
| Introductory | |
| <ul style="list-style-type: none"> • Introduction to Agriculture | <ul style="list-style-type: none"> • Introduction to Agriculture |
| Technical | |
| <ul style="list-style-type: none"> • Horticulture • Plant and Soil Science • Agriscience | <ul style="list-style-type: none"> • Animal Science • Agriscience • Plant and Soil Science • Horticulture |
| Application | |
| <ul style="list-style-type: none"> • Applications in Horticulture • Ag Business • Ag Leadership and Communication | <ul style="list-style-type: none"> • Ag Business • Ag Leadership and Communication |

| ARTS, A/V & COMMUNICATIONS |
|--|
| Digital Media |
| Introductory |
| <ul style="list-style-type: none"> • Computer Applications • Business Essentials |
| Technical |
| <ul style="list-style-type: none"> • Digital Media Tech • 21st Century Journalism • Photo Imaging • Audio Video Production • Graphic Design |
| Application |
| <ul style="list-style-type: none"> • Video Production |

| BUSINESS MANAGEMENT & ADMINISTRATION | |
|--|--|
| Management & Entrepreneurship | |
| Introductory | |
| <ul style="list-style-type: none"> • Business Essentials | |
| Technical | |
| <ul style="list-style-type: none"> • Business Economics • Accounts • Marketing • Business Management • Business Law | |
| Application | |
| <ul style="list-style-type: none"> • Entrepreneurship | |

| Family, Community and Consumer Service | |
|---|--|
| Human Services | Teach and Train |
| Introductory | |
| <ul style="list-style-type: none">• Introduction to Family & Consumer Sciences | <ul style="list-style-type: none">• Introduction to Family & Consumer Sciences |
| Technical | |
| <ul style="list-style-type: none">• Human Growth and Development• Family Studies• Personal Finance• Nutrition and Wellness• Culinary Essentials | <ul style="list-style-type: none">• Human Growth and Development• Teaching Observation• Teaching as a Career |
| Application | |
| <ul style="list-style-type: none">• Community Connections• Career Connections | <ul style="list-style-type: none">• Teaching Internship |

| Health Science |
|--|
| Health |
| Introductory |
| <ul style="list-style-type: none"> • Biology • Health Science A/B |
| Technical |
| <ul style="list-style-type: none"> • Human Anatomy • Medical Terminology A/B |
| Application |
| <ul style="list-style-type: none"> • Health Science IV / Internship • WUIT - Nursing Assistant • WUIT - Phlebotomy • WUIT - Health Care Tech |

Course Descriptions

[Course Descriptions](#)

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Course Icon Key

 = College Credit

 = Weighted Credit

 = College and Career Pathway

AGRICULTURAL EDUCATION

| | 9 | 10 | 11 | 12 |
|----------------------------------|---|----|----|----|
| INTRO TO AGRICULTURE | x | x | | |
| AGRISCIENCE | | x | x | x |
| HORTICULTURE | | x | x | x |
| PLANT AND SOIL SCIENCE | | x | x | x |
| ANIMAL SCIENCE | | x | x | x |
| APPLICATIONS IN HORTICULTURE | | | x | x |
| AG BUSINESS | | | x | x |
| AG LEADERSHIP AND COMMUNICATIONS | | | x | x |

Pathways: Plant Systems, Comprehensive AG

INTRODUCTION TO AGRICULTURE

Credit: 1.0

Course Number: AG100, 18001

Grade Level: 9,10

Introduction to Agriculture courses survey a wide array of topics within the agricultural industry, exposing students to the many and varied types of agriculture and livestock career opportunities and to those in related fields (such as natural resources). These courses serve to introduce students to the agricultural field, providing them an opportunity to identify an area for continued study or to determine that their interest lies elsewhere. They often focus on developing communication skills, business principles, and leadership skills.

AGRISCIENCE

Credit: 1.0

Course Number: AG105, 18002

Grade Level: 10,11,12

Agriscience covers a wide range of agricultural topics and builds on the skills developed in Introduction to Agriculture and Natural Resources. Students will study plant science, animal science, business operations and management, careers available in the agricultural industry, chemical and soil science, ecology, agricultural marketing, and veterinary science. Students will have a chance to apply what they have learned through a variety of FFA activities.

HORTICULTURE

Credit: 1.0

Course Number: AG110, 18052

Grade Level: 10,11,12

The Horticulture course exposes students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

PLANT AND SOIL SCIENCE

Credit: 1.0

Course Number: AG120, 18058

Grade Level: 10, 11, 12

Plant and Soil Science expose students to the art and science of growing plants, specifically agronomic plants, as well as a deep look into the science behind soils. Students will study the anatomy of the soil, soil materials and formations, soil characteristics, soil fertility, organic farming, temperature, light, photosynthesis, respiration, vegetative growth, plant pests, genetic engineering and biotechnology, and more.

ANIMAL SCIENCE

Credit: 1

Course Number: AG315 , 18101

Grade Level: 10, 11, 12

Animal Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study

APPLICATIONS IN HORTICULTURE

Credit: 1

Course Number: AG210, 18071

Grade Level: 11, 12

Prerequisite: Plant and Soil Science or Horticulture

Applications in Horticulture provides instruction that incorporates plant science, soil and media mixtures, plant identification and optimal environments, and landscape design. This course will expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, agriculture crops and vegetables. The course emphasizes applying such knowledge & skill to the design, establishment, and maintenance of lawns, parks, open space & similar environments. This course would include opportunities to design public and private spaces. Students will have the opportunity to produce, market different types of greenhouse plants grown in the school's greenhouse. Skills in management, plant identification, pest control, starting plants, watering, fertilizing, and salesmanship will be developed.

AG Business

Credit: 1.0

Course Number: AG310, 18201

Grade Level: 11, 12

Prerequisite: Any Agriculture Course

Agribusiness Management course provides students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. This course may cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision-making, commodities, and building leadership skills.

AG LEADERSHIP AND COMMUNICATIONS

Credit: 1

Course Number: AG320, 18203

Grade Level: 11, 12

Prerequisite: Any Agriculture Course

Agricultural Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities. Students will present speeches, grow as leaders, and showcase a love for the agriculture industry.

ART

| | 9 | 10 | 11 | 12 |
|--------------------------|---|----|----|----|
| ART FOUNDATIONS | x | x | x | x |
| INTRO TO DRAWING | x | x | x | x |
| 3-D ART 1 | x | x | x | x |
| 3-D ART 2 | | x | x | x |
| PAINTING 1 | x | x | x | x |
| DRAWING AND PAINTING 1 | | x | x | x |
| DRAWING AND PAINTING 2 | | x | x | x |
| FIBER ARTS | x | x | x | x |
| PORTFOLIO STUDIO | | | x | x |
| ADVANCED ART- ART STUDIO | | | x | x |

ART FOUNDATIONS

Credit: 0.5

Course Number: AR101, 3005

Grade Level: 9,10,11,12

Fees: \$25

Whether you're a budding Picasso or draw like a 2nd grader, this is the first art course of your high school career. ART FOUNDATIONS is a basic art class designed for all abilities. During this course you will become literate in the language of art through the study of the basics, including design elements and principles. Hands-on projects will include experiences in drawing, painting, printmaking, ceramics and more. You must take this course before any other art classes as it builds a very necessary foundation unless advanced art was taken in MS and with teacher approval.

INTRO TO DRAWING

Credit: .5

Course Number: AR140, 0518

Grade Level: 9,10,11,12

Fees: \$25

Prerequisite: Art Foundations

Introduction to Drawing emphasizes the development of fundamental drawing skills. Focus will be on the application of art theory, processes and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition.

3-D ART 1

Credit: .5

Course Number: AR200, 05158

Grade Level: 9,10,11,12

Fees: \$25

Prerequisite: Art Foundations

During 3-D ART 1 you will focus on creating 3-dimensional artwork through techniques such as hand-building ceramics, basic metal-working, as well as using other non-traditional sculpting materials (such as glass or fiber) to create finely crafted pieces for wear, function or display. Projects are based on availability of materials and may change from semester to semester.

3-D ART 2

Credit: .5

Course Number: AR210, 05158

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Art Foundations and 3-D Art 1

3-D ART 2 will expand upon ceramic techniques, pottery wheel basics, more advanced metal-working and a variety of more extensive and time-consuming projects. Both functional and decorative sculptural pieces will be developed in this advanced class. Projects are based on availability of materials and may change from semester to semester.

PAINTING 1

Credit: .5

Course Number: AR241, 05157

Grade Level: 9, 10, 11, 12

Fees: \$25

Prerequisite: Art Foundations

Painting 1 emphasizes the development of fundamental painting skills. Focus will be on the application of art theory, processes and techniques of different types of painting. Instruction includes the elements and principles of design as applied in composition.

DRAWING AND PAINTING 1

Credit: .5

Course Number: AR240, 05155

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Art Foundations and Intro to Drawing

Are you interested in learning to become better at realistic art? Then Drawing & Painting 1 is for you, regardless of your current drawing skills. Using basic 'rules' for drawing, you will be guided through exercises and learn techniques that develop your observational skills and improve your drawing. In addition to furthering your skills in painting.

DRAWING AND PAINTING 2

Credit: .5

Course Number: AR250, 05155

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Art Foundations, Intro to Drawing and Drawing and Painting 1

Drawing & Painting 2 is a continuation of Drawing & Painting 1 with an emphasis on more in-depth, time-consuming two-dimensional art pieces and a focus on personal student style. Students who take this class should demonstrate a love for drawing & painting and a commitment to detail. Additional mediums and techniques will be explored, such as Batik, Encaustic, etc.

FIBER ARTS

Credit: .5

Course Number: AR260, 05154

Grade Level: 9, 10, 11, 12

Fees: \$20

Prerequisite: Art Foundations

This course is an exploration of Fiber arts, such as sewing, weaving, needle felting, yarn coiling, string art, cross-stitching, paper arts, and basket making. Projects will be based on availability of materials and may change from semester to semester.

PORTFOLIO STUDIO

Credit: .5

Course Number: AR420, 05170

Grade Level: 11, 12

Fees: \$25

Prerequisite: At least 3 semester of art and instructor approval

Portfolio Studio is for the students who are passionate about art, self-motivated and can work quietly and independently on their own projects. They must be able to work towards the goal of creating a balanced, strong and successful art portfolio. Students must fill out an application (available in Art Lab) and have it accepted in order to take this course.

ADVANCED ART- ART STUDIO

Credit: .5

Course Number: AR600, 05154

Grade Level: 10, 11, 12

Fees: \$25

Prerequisite: Art Foundations and 3 Semesters of other Art classes with Instructors Approval
This course encourages further development of these: composition, creativity, expression, technical skills, and color usage that were learned in Drawing I. Students will explore the medium of pastels and figure drawing. Written work and sketchbook assignments are also a requirement of the course. Media: graphite, charcoal, pastel and colored pencil.

AV TECHNOLOGY AND COMPUTER SCIENCE

| | 9 | 10 | 11 | 12 |
|-------------------------------------|---|----|----|----|
| DIGITAL MEDIA TECHNOLOGY | x | x | x | x |
| COMPUTER SCIENCE | x | x | x | x |
| AUDIO VIDEO PRODUCTION FUNDAMENTALS | x | x | x | x |
| GRAPHIC DESIGN FUNDAMENTALS | x | x | x | x |
| PHOTO IMAGING | x | x | x | x |
| VIDEO PRODUCTION | | | x | x |
| DIGITAL MEDIA DESIGN AND PRODUCTION | | | x | x |
| ANIMATION | | | x | x |

Pathways: Digital Media

DIGITAL MEDIA TECHNOLOGY

Credit: .5

Course Number: 7220

Grade Level: 9, 10, 11, 12

Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging, audio, video, drones, and 3D-printers. Students will also learn project management skills as they complete projects utilizing the software, equipment, and tools used in the industry.

COMPUTER SCIENCE

Credit: .5

Course Number: CT330, 10152

Grade Level: 9-12

This course introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable curriculum that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. Concepts include building a personalized web based app, using HTML language to design a web page, and creating a game using JavaScript.

AUDIO VIDEO PRODUCTION FUNDAMENTALS

Credit: .5

Course Number: CT220, 30103

Grade Level: 9, 10, 11, 12

Fees: none

Prerequisite: Digital Media Technology

This course provides students the opportunity to learn studio production and field production as they work as staff members for RVTV. Students will learn a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production, and post-production process, as well as explore the equipment and techniques used to develop a quality audio video product.

GRAPHIC DESIGN FUNDAMENTALS

Credit: .5

Course Number: CT210, 30102

Grade Level: 9, 10, 11, 12

Prerequisite: Digital Media Technology

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment, and learning composition techniques to develop a quality product.

PHOTO IMAGING

Credit: .5

Course Number: CT240, 30105

Grade Level: 9, 10, 11, 12

Prerequisite: Digital Media Technology

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include the use of equipment, software and techniques to take, edit and manipulate digital images.

VIDEO PRODUCTION

Credit: 1.0

Course Number: CT250, 30150

Grade Level: 11, 12

Prerequisite: Audio Video Production Fundamentals

This course is for advanced video production students who want to work in leadership roles on RVTV. The course allows for students to work as directors and producers as they help younger staff members complete the show as well as learn advanced editing and shooting techniques to create high-quality videos.

DIGITAL MEDIA DESIGN AND PRODUCTION

Credit: .5

Course Number: CT260,30151

Grade Level: 11, 12

Prerequisite: Graphic Design, Digital Media Technology, or Audio Video Fundamentals.

Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in the Digital Media Technology course through the production of a multimedia project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital forms.

ANIMATION

Credit: 1

Course Number: CT305, 10210

Grade Level: 11, 12

Prerequisite: Digital Media Technology

Animation provides experiences in traditional and contemporary techniques for designing and creating the illusion of movement. Students will learn to design characters, backgrounds and graphic images, sequence original concepts on storyboards, utilize sound, and create original animated shorts using a variety of methods and software. The curriculum includes the study of the animation process, the 12 principles of animation, criteria for analyzing and interpreting animated images, survey of animation history, overview of careers in the field of Animation, and development of personal concepts and artistic skills. This class culminates in the development of a resume and portfolio of successful artworks.

BUSINESS

| | 9 | 10 | 11 | 12 |
|-------------------------|---|----|----|----|
| BUSINESS ESSENTIALS | x | x | x | x |
| COMPUTER APPLICATIONS | x | x | x | x |
| PRINCIPLES OF MARKETING | | x | x | x |
| BUSINESS MANAGEMENT | | x | x | x |
| ACCOUNTING 1 | | x | x | x |
| ENTREPRENEURSHIP | | | x | x |
| BUSINESS LAW | | | x | x |
| JAG-K | x | x | x | x |

Pathways: Business Management and Entrepreneurship Pathway

BUSINESS ESSENTIALS

Credit: .5

Course Number: BUS110

Grade Level: 9,10, 11, 12

This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities. Calculator required for course.

COMPUTER APPLICATION

Credit: .5

Course Number: BUS180, 1004

Grade Level: 9, 10, 11, 12

Students in this course will develop knowledge and skills in utilizing the computer to manipulate and process information. Students will learn word processing, spreadsheet application, presentation skills and Internet skills using the Microsoft Office Professional software package. The Microsoft Office suite includes Word, Excel, PowerPoint, and Access. Students will also be exposed to the social and ethical issues in computing and e-mail etiquette and procedures. Keyboarding skills are required.

PRINCIPLES OF MARKETING

Credit: .5

Course Number: BUS221, 12164

Grade Level: 10, 11, 12

Prerequisite: Business Essentials

Principles of Marketing courses offer students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management.

BUSINESS MANAGEMENT

Course Number: BUS130, 12052

Credit: 0.5

Grade Level: 10, 11, 12

Prerequisite: Business Essentials

Business Management will acquaint students with management opportunities and effective human relations. This course will provide students with the skills to perform planning, staffing, financing, and controlling functions within a business.

ACCOUNTING 1 **P**

Credit: 1

Course Number: BUS100, 12104

Grade Level: 10, 11, 12

Prerequisite: Algebra 1

This first-year course will cover the principles and procedures necessary for entry-level employment in the accounting/bookkeeping field. The course includes the entire accounting cycle, as well as the basic principles, concepts, and procedures of accounting needed by every student for both business and personal applications. Computer accounting applications introduced. Calculator required for course.

ENTREPRENEURSHIP **P**

Credit: .5

Course Number: BUS130,12053

Grade Level: 11, 12

Prerequisite: Business Essentials

Students will practice skills of planning, organizing, directing and controlling functions of operating a business while assuming the responsibilities and risks involved. Students will develop skills in enterprise development, market analysis and financial preparation. This course includes classroom activities as well as involving further study of the field and discussion regarding real-world experiences and applications that students encounter in owning and managing the school print shop.

BUSINESS LAW **P**

Credit: .5

Course Number: BUS120, 12054

Grade Level: 11, 12

This course is designed to make students aware of their legal responsibilities and rights so they can avoid future legal difficulties. Some topics to be covered will be: contract law, tort law, product law, obtaining legal services, and tax law.

JAG-K

Credit: 1.0

Course Number: BUS210, 22004

Grade Level: 9, 10, 11, 12

Prerequisite: Administrative Approval

A career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace "survival" skills (interpersonal relations, teamwork, etc.). Students will work to build strengths in academic areas, time management, and communication. The individual and team project work will also help students come to an understanding of personality and temperament and the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities, and aptitudes by determining their education and career goals through development of an Individual Career Development Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration through job shadowing and/or an internship. Students will also participate in the JAG-K Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic/Social Awareness.

INTERNSHIP **P**

Credit: .5

Course Number: BUS500, 12998

Grade Level: 12- Second Semester Only

This course is designed for the graduating senior. Preparing students for the work environment is a critical component of his/her educational experience. The course is designed to afford students the opportunity to be matched with a career/business mentor in an active engagement of hands-on application of 21st Century employability skills. Students spend C Days on campus working on employability skills and prep work for post-secondary education. Block days are spent with their career mentor. Students must apply to the program. Requirements include: No more than five absences in a semester, minimum GPA of 2.5 weighted GPA, on track with credits toward graduation, ability to provide their own transportation to and from internship location.

FAMILY AND CONSUMER SCIENCE

| | 9 | 10 | 11 | 12 |
|---|---|----|----|----|
| INTRODUCTION TO FAMILY AND CONSUMER SCIENCE | x | x | x | x |
| FAMILY STUDIES | | x | x | x |
| NUTRITION & WELLNESS | | x | x | x |
| LIFESPAN DEVELOPMENT | | x | x | x |
| CONSUMER AND PERSONAL FINANCE | | | x | x |
| CULINARY ESSENTIALS | | x | x | x |
| COMMUNITY CONNECTIONS | | | x | x |
| CAREER CONNECTIONS | | | x | x |

Pathways: Human Service

INTRODUCTION TO FAMILY AND CONSUMER SCIENCE **P**

Credit: .5

Course Number: FCS113, 22201

Grade Level: 9, 10, 11, 12

Fees: \$15

Introduction to Family and Consumer Sciences provides a broad foundation of life skills including interpersonal relationships, basic cooking, nutrition, mending clothes, laundry, caring for children, etc. This class offers a look into the many occupations linked to providing for the basic needs of children, individuals and families.

Occupations may include: nutrition educator, child care provider, social worker, foster parent, credit counselor, geriatric care provider, senior citizen care director, food service provider, restaurant manager, culinary artists, interior designer, fashion production and design, event planner and teacher. FCCLA projects will be integrated including community service

FAMILY STUDIES **P**

Credit: .5

Course Number: FCS140P, 19255

Grade Level: 10, 11, 12

Prerequisite: Intro to FCS recommended

This course is a family living course that emphasizes building and maintaining healthy interpersonal relationships among family members and other members of society. This course will emphasize (but is not limited to) topics such as: social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and various stages of life.

NUTRITION & WELLNESS **P**

Credit: .5

Course Number: FCS400P, 19253

Grade Level: 10, 11, 12

Prerequisite: Intro to FCS recommended

Our personal decisions impact physical, emotional, and social health on a daily basis. The choices made today will affect life expectancy, reproductive health, and risk factors for disease. Topics covered in this class include how to promote wellness and good health physically, emotionally, socially and mentally. Topics may include making food choices, nutritional values of different foods, maintaining healthy weight, eating disorders, emotional maturity, expressing emotions appropriately, mental illness, coping strategies, and stress management. Fitness trackers will be utilized during the class and are checked out from the school.

LIFESPAN DEVELOPMENT **P**

Credit: .5

Course Number: FCS599, 45004

Grade Level: 10, 11, 12

Prerequisite: Intro to FCS recommended

Life Span Development prepares students for occupations associated with meeting the needs of people by learning about physical, intellectual, emotional and social development from childhood to death. Topics in this class include prenatal and birth processes, infant simulators, the appropriate care of people in every life stage, development theories, and geriatrics.

CONSUMER AND PERSONAL FINANCE **P**

Credit: .5

Course Number: FCS715, 22210

Grade Level: 11, 12

This course provides students with an understanding of the principles and concepts involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. *This is a required course for graduation.*

CULINARY ESSENTIALS

Credit: .5
Course Number: FCS410, 16052
Grade Level: 10, 11, 12
Fees: \$30
Prerequisite: Intro to FCS recommended

This is a year-long course exploring and examining the scope of early childhood education. This course will examine career paths within early childhood education; apply developmentally appropriate practices in early childhood education; analyze curriculum and instruction to meet children's developmental needs develop skills needed to ensure a safe and healthy learning environment for children; and enhance career readiness through practicing appropriate skills in early childhood development and services applications

COMMUNITY CONNECTIONS

Credit: .5
Course Number: FCS825,19297
Grade Level: 11, 12
Prerequisite: 1 year of any FCS course

Community Connections courses provide community/school-based learning experiences mainly within the family and consumer sciences classroom. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the 21st century skills (i.e. leadership, empathy, communication, problem solving, cooperation, critical thinking, and resource management) needed to be successful in human services/family and consumer sciences related careers.

CAREER CONNECTIONS

Credit: .5
Course Number: FCS830P, 19298
Grade Level: 11, 12
Prerequisite: 1 year of any FCS courser

Career Connections courses provide human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills.

TEACHING OBSERVATION

Credit: .5
Course Number: , 42251
Grade Level: 10, 11, 12
Prerequisite: Intro to FCS recommended

Teaching observation courses build upon the understanding of the requirements of the teaching profession through student observations and study of best practices in multiple classroom settings. Observation analysis will be focused around the elements of effective instruction – planning and preparation, the learning environment, instructional strategies, and teacher/trainer professional responsibilities.

TEACHING AS A CAREER

Credit: 1.0
Course Number: 19151
Grade Level: 11, 12
Prerequisite: Teaching Observation

Teaching as a Career introduces students to the principles underlying teaching, learning and leadership. Students will learn the responsibilities and duties of teachers and mentors and the techniques of imparting knowledge and information. The course exposes students to and trains them in classroom/group management, human behavior, leadership and human relations skills, assessment of progress, teaching strategies, and various career opportunities in the field of education.

TEACHING INTERNSHIP

Credit: 1.0
Course Number: 19152
Grade Level: 12
Prerequisite: Teaching as a Career

Teaching Internship prepares students to teach and guide others. This course provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques. Students are required to provide transportation to internship sites

LANGUAGE ARTS

| | 9 | 10 | 11 | 12 |
|----------------------------|---|----|----|----|
| ENGLISH I | x | | | |
| HONORS ENGLISH I | x | | | |
| ENGLISH II | | x | | |
| HONORS ENGLISH II | | x | | |
| ENGLISH III | | | x | |
| HONORS ENGLISH III | | | x | |
| ENGLISH IV | | | | x |
| COLLEGE PREP ENGLISH IV | | | | x |
| COLLEGE ENGLISH I | | | | x |
| COLLEGE ENGLISH II | | | | x |
| CREATIVE WRITING | x | x | x | x |
| ADVANCE CREATIVE WRITING | x | x | x | x |
| YOUNG ADULT LITERATURE | | x | x | x |
| NATIVE AMERICAN LITERATURE | | x | x | x |
| SPEECH | | x | x | x |
| COLLEGE PUBLIC SPEAKING | | | x | x |
| DRAMA | x | x | x | x |
| DRAMA II | x | x | x | x |
| FORENSICS | x | x | x | x |
| 21ST CENTURY JOURNALISM | x | x | x | x |
| GENERATION WHY | | | x | x |
| PUBLICATIONS | | x | x | x |
| MTSS READING | x | x | x | x |

ENGLISH I

Credit: 1.0

Course Number: EN100, 01001

Grade Level: 9

The English I course follows a multicultural survey of various genre of literature. Significant authors as well as representative types of literature will form the basis of the content of this course. The study of vocabulary, grammar, and composition will be incorporated into the study of literature. Students will also work with the six writing traits extensively. This class will also include a library unit.

HONORS ENGLISH I

Credit: 1

Course Number: EN101, 01001

Grade Level: 11,12

Prerequisite: Teacher recommendation and Fastbridge Assessment Scores

This course is designed for the student entering high school with above average reading and writing skills. While some of the content may be the same as English I, the student can expect faster-paced reading and more extensive writing. Activities will facilitate analytical and reflective thinking/writing skills. In order for a student to remain in Honors English, students must maintain a grade of an A or B.

ENGLISH II

Credit: 1

Course Number: EN230, 01104

Grade Level: 10

Prerequisite: English I

Students will read a variety of genres, including novels, short stories, persuasive essays, and informational articles to increase reading comprehension and critical thinking skills. An emphasis will be placed on academic writing. Novel studies will be required over the course of the year. These novels include historical perspectives, as students focus on how history has influenced writers over time.

HONORS ENGLISH II

Credit: 1

Course Number: EN201, 01002

Grade Level: 10

Prerequisite: Teacher recommendation and must achieve a B or higher in English I.

Students will read a variety of genres, including novels, short stories, persuasive essays, and informational articles in preparation for the Kansas Reading Assessment. Critical thinking and analysis through group discussions, writing assignments, and research projects will be emphasized. Vocabulary lists will include ACT-readiness material. Additional areas of study will include grammar, writing and research skills. In order for a student to be placed in Honors English, students must maintain a grade of an A or B.

ENGLISH III

Credit: 1

Course Number: EN300, 01003

Grade Level: 11

Prerequisite: English II

This course is a survey of American literature that focuses on developing reading and writing skills. Each semester, students will read a variety of American fiction and nonfiction pieces from the American literature anthology. Writing assignments will focus on informative and argumentative writing skills.

HONORS ENGLISH III

Credit: .1

Course Number: EN301, 01003

Grade Level: 11

Fees: none

Prerequisite: Teacher recommendation and must achieve a B or higher in English II

This course is designed for students who have developed a strong background in language arts, consider themselves college bound and/or want to be challenged. While much of the content may be the same as that of English III, the student can expect faster-paced reading, more extensive writing, grammar, and vocabulary building. Activities in this course will facilitate analytical and reflective thinking and writing skills to help students prepare for ACT readiness benchmarks. In order for a student to be placed in Honors English, students must maintain a grade of an A or B.

ENGLISH IV

Credit: .5

Course Number: EN450, 01004

Grade Level: 12

Prerequisite: English IV

English IV is a European literature course that will allow students to develop and expand critical thinking skills needed in life. Seniors in this course will develop and refine job-related communication skills such as: reading, writing, listening and speaking.

COLLEGE PREP ENGLISH IV

Credit: .5

Course Number: EN400, 01102

Grade Level: 12

Prerequisite: English III

This course is designed for college-bound seniors. The English IV European literature will be used as a reading basis; however, emphasis will be placed on expanding critical thinking and writing skills, which includes the study of grammar. Writing assignments will be analytical, research oriented, and literature based, utilizing MLA format.

COLLEGE ENGLISH

Credit: .5

Course Number: EN900, 01149

Grade Level: 12

Fees: Assessed by participating college/university

This course has been designed to provide instruction and practice in the principles of written composition and critical thinking. Emphasis will be on improving the student's ability to organize and express thoughts in clear, effective writing. Students will have practice in the evaluation of their own essays, those of their peers, and the writings of professional authors. A variety of standard composition strategies will be covered. Students will be required to enroll with Highland Community College and pay the tuition cost for the class.
(3.0 college credit hours)

COLLEGE ENGLISH II

Credit: .5

Course Number: EN910, 01099

Grade Level: 12

Fees: Assessed by participating college/university

Prerequisite: College English I

As a continuation of College English I, which emphasized the principles of written composition and critical thinking through the techniques of essay writing, College English II will use a literature-based format of study to improve writing and critical analysis skills. Students will examine the principle forms of literature, the elements in literature and how they affect readers, and the contribution of writers, poets, and dramatists to the humanities.

CREATIVE WRITING

Credit: .5

Course Number: EN130, 01104

Grade Level: 9, 10, 11, 12

Students will work on and develop their writing skills through a wide variety of writing assignments. Students will write on a daily basis. Assignments will range from short poems to short stories, riddles to children's stories, and critiques to reflections. All work generated by the student must be original to the student. Students must have a sincere desire to develop their writing skills. They will be graded not only on their work, but also on using their writing time each day.

ADVANCED CREATIVE WRITING

Credit: .5

Course Number: EN230, 01104

Grade Level: 10, 11, 12

Prerequisite: Instructor Approval

Students will hone their writing skills by delving deeper into the world of creative writing. Assignments will range from advanced poetry to original fiction stories, playwriting to movie scenes. All work generated by the student must be original work by the student. There will be in-class writing and group feedback/workshop sessions. Students must have a sincere desire to advance their writing skills and be willing to share work with peers.

YOUNG ADULT LITERATURE

Credit: .5

Course Number: EN480, 01065

Grade Level: 10, 11, 12

Prerequisite: English I

This course will use literature written for or about young adults and includes relevant themes that will help students improve their writing and critical analysis skills. Students will be expected to read several books during the class

NATIVE AMERICAN LITERATURE

Credit: .5

Course Number: EN485, 06829

Grade Level: 10,11,12

This course will introduce students to the histories, theories, and texts that make up Native American literature. Students will look across time periods and genres. There are several overarching questions in this course that will guide discussion: What patterns, images or topics recur in texts written by Native authors? Do particular representations of Indigenous identities prevail at given moments in history? How does an author's specific tribal identity come to bear on the text and/or on our reading of the text? How does Native literature change our understanding of U.S. history and literature? These questions and more will bring us to a greater understanding of literature, of Native cultures, and of ourselves, since, whether Native or non-Native, we are all participants in the creation and consumption of Indigenous images within U.S. popular culture.

SPEECH

Credit: .5

Course Number: EN600, 01151

Grade Level: 10,11,12

This is a first semester course that explores the communication process. Students will learn to increase their effectiveness as communicators. Through individual and group activities, students construct and deliver a variety of speeches which reflect real-world speaking skills, such as informative, persuasion of an audience, entertainment, and conflict resolution.

COLLEGE PUBLIC SPEAKING

Credit: .5

Course Number: EN920, 01199

Grade Level: 11,12

Fees: Assessed by participating college/university

The purpose of this course is to increase student understanding of the principles and applications of public speaking through analysis and practice in communication theory, topic selection, audience analysis, research, use of support materials, content organization, presentation, and evaluation. To receive college credit (3.0 credit hours) students will be required to enroll with Highland Community College and pay the tuition cost for the class.

DRAMA

Credit: .5

Course Number: EN630, 05054

Grade Level: 9, 10, 11, 12

This is a first semester course that will cover the basics of drama. We will explore basics of acting (verbal & nonverbal), characterization, and voice. We will examine different types of drama and different types of scripts.

DRAMA II

Credit: .5

Course Number: EN640, 05055

Grade Level: 9, 10, 11, 12

Prerequisite: Drama or Instructor Approval

This class would be focused on selecting, casting, blocking, and performing a one act play. Every aspect of producing a one act will be covered from costumes to set, from motivation to characterization.

FORENSICS

Credit: .5

Course Number: EN610, 01154

Grade Level: 9, 10, 11, 12

This is a second semester course designed for students who are interested in competitive speaking events. Attendance at two tournaments is a course requirement. Students will learn, practice and perform all competitive events. These events include: Humorous Solo Acting, Serious Solo Acting, Duet Acting, Improvised Duet Acting, Interpretation of Prose and Poetry, Impromptu Speaking, Informative Speaking, Original Oration, and Extemporaneous Speaking.

21st CENTURY JOURNALISM

Credit: .5

Course Number: EN115, 30100

Grade Level: 9, 10, 11, 12

This course will educate students on the basic skills of collecting, interviewing, reporting, and writing in journalism. Students will walk in the shoes of professional journalists to sort through legal and ethical dilemmas facing media today. The course will explore how new forms of media and media technology expand the potential for informing, entertaining, and persuading audiences. This class prepares students for the Publications course that produces the yearbook.

GENERATION WHY

Credit: .5

Course Number: CT600, 11151

Grade Level: 10,11,12

Prerequisite: Computer Applications is recommended

Generation WHY is a technology class that includes web page design, digital photography and video. Students are responsible for articles, pictures and video on the district website, as well as content on the district Facebook and Twitter accounts.

PUBLICATIONS

Credit: 1.0

Course Number: EN500, 11105

Grade Level: 10, 11, 12

Prerequisite: Instructor Permission

Students enrolled in this course will become better thinkers, communicators, and citizens. The result of this yearlong course is the production of the school yearbook. The process of producing a yearbook will teach important journalism skills, which include reporting, writing, and editing in a professional-style environment. Students will also help finance the publication through advertising sales and other fundraising efforts. As this is a deadline-driven class, students will need to have time management, organizational skills, and be dedicated to the finished project.

MTSS READING

Credit: 1.0

Course Number: EN01068

Grade Level: 9, 10, 11, 12

Prerequisite: Administration Approval

This reading class offers Multiple Tools for Student Success using the Language Live program. Qualifying students will find a class that blends teacher-led instruction with online learning specifically designed to increase reading achievement. Language Live's research-based approach addresses gaps in foundational skills, uses recursive instruction, and accelerates literacy. The program meets students where they are in order to motivate them to take ownership of their learning

MATHEMATICS

| | 9 | 10 | 11 | 12 |
|------------------------|---|----|----|----|
| ESSENTIALS FOR ALGEBRA | x | x | x | x |
| ALGEBRA I | x | x | x | x |
| ALGEBRA II | | x | x | x |
| TRIG/PRE-CALCULUS | | | x | x |
| CALCULUS | | | | x |
| CALCULUS II | | | | x |
| COLLEGE ALGEBRA | | | | x |
| COLLEGE STATS | | | | x |
| MATH LAB | x | x | x | x |
| CONSUMER MATH | | | x | x |

ESSENTIALS FOR ALGEBRA

Credit: 1

Course Number: MA120, 02051

Grade Level: 9,10,11,12

Prerequisite: Administration Approval

Pre-Algebra courses increase students' foundational mathematics skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities. Students who do not meet minimum requirements for Algebra I will be placed in the course.

ALGEBRA I

Credit: 1.0

Course Number: MA100, 02052

Grade Level: 9,10,11,12

Algebra I is the foundation of higher mathematics. The concepts developed in this yearlong course are needed for any future work in mathematics. Students work with solving equations, polynomials, functions, probability, exponents and systems of equations. Students will need a scientific calculator with 2-line display.

GEOMETRY

Credit: 1.0

Course Number: MA300, 020072

Grade Level: 9,10,11,12

Prerequisite: Algebra I

Geometry is a full year study of circles, polygons and other geometric figures. All properties of these two and three-dimensional figures are studied. Other topics covered are transformations, logical reasoning and proof, parallel lines, congruency and similarity of polygons, areas and volumes, construction, and the coordinate plane. Algebra I is required because some geometry problems require the ability to solve simple equations and graphs on the coordinate plane.

ALGEBRA II

Credit: 1.0

Course Number: MA200, 02056

Grade Level: 10,11,12

Prerequisite: Geometry

Algebra II is a yearlong course that includes a more in-depth study of the same topics covered in Algebra I. Also included are series and sequences, variations, linear relations, systems, conic sections, quadratic functions and relations, logarithms, trigonometry, and statistics. Students will need a scientific calculator. This course is highly recommended for anyone considering a college education.

TRIG/PRE-CALCULUS

Credit: 1.0

Course Number: MA410, 02106

Grade Level: 11,12

Prerequisite: Algebra II

This year long course will expand advanced algebra skills with a focus on functions and their graphs. A semester study of trigonometry is incorporated. This course ends with an introduction to limits.

CALCULUS

Credit: 1
Course Number: MA500, 02121
Grade Level: 12
Prerequisite: Trig/Pre-Calculus

This course presents a full year of Calculus. It is strongly recommended for anyone who will take calculus in college. Included is a study of functions, curve sketching, limits and continuity, exponential and logarithmic functions and the basics of both differential and integral calculus. Applications to science and business are through optimization problems.

CALCULUS II

Credit: 1
Course Number: MC602, 02122
Grade Level: 12
Prerequisite: Calculus I

Multivariate Calculus courses include the study of hyperbolic functions, improper integrals, directional derivatives, and multiple integration and its applications.

COLLEGE ALGEBRA

Credit: .5
Course Number: MA600, 02069
Grade Level: 12
Fees: Assessed by participating college/university
Prerequisite: Algebra II

This course is intended as a comprehensive, thorough study of the fundamental laws of algebra, exponents, linear and quadratic equations, inequalities, system of equations, radicals and radical equations, graphing, polynomials and polynomial equations, logarithms, complex numbers, augmented matrices (Gauss-Jordan Elimination), determinants, and Cramer's Rule, and many other topics as time permits.

COLLEGE STATS

Credit: .5
Course Number: MA915, 02201
Grade Level: 12
Fees: Assessed by participating college/university
Prerequisite: Algebra II

This course is an introductory study of the fundamentals 89 of modern statistics and probability. The course will cover descriptive methods, inductive statistics, probability, estimation, tests of hypotheses, correlation, regression and Chi-square, along with other topics as time allows

MATH LAB

Credit: 1.0
Course Number: 1
Grade Level: 9,10,11,12
Prerequisite: Administration Approval

This class is designed to complement and enhance the skills students are acquiring in their math courses. Lab provides daily reinforcement of newly acquired skills. The additional instruction time helps students master the Math I course objectives. Math lab will be considered an elective course.

CONSUMER MATH

Credit: 1
Course Number: MA131, 02157
Grade Level: 11,12
Fees: none
Prerequisite: Algebra 1 and Administration Approval

Fall Semester: Consumer Mathematics course will use basic mathematical skills in real-world application. Applications will include 3 sections in this course. A personal Finance component that will help the students gain knowledge with budgeting, banking, credit and debit cards, paying bills, and finance strategies. The second component will include mathematics that apply to Careers in the workforce, such as area, perimeter, volume, angles, proportions, conversations, mean and range, data analysis, and nutrition facts. The third component will include real-life applications for them personally, such as sales tax, tip, discounts, buying a car, budgeting for a trip, counting back change, and interest on credit cards.

Spring Semester: will use basic mathematical skills to look deeper into the world of construction. It will be sectioned into 3 components in this course. The first component will be centered around scale modeling and application by using hands-on projects with basic tools to understand measuring and wall framing skills. The second component will include lessons over a variety of real-world skills needed for construction, such as framing a wall, types of nailing, types of lumber, Scale modeling, ADA compliance for stairs and ramps including slope and pitch. The third component will include more hands-on projects with cardboard to create several structures using skills such as measuring, estimating, area, volume, slope, and ramps.

MUSIC

| | 9 | 10 | 11 | 12 |
|-------------------------------|----|----|----|----|
| BAND | x | x | x | x |
| DRUMLINE/ PERCUSSION ENSEMBLE | x | x | x | x |
| PANTHER CHOIR | x | x | x | x |
| SOUNDSATIONS | x | x | x | x |
| HISTORY OF POPULAR MUSIC | xx | x | x | x |

BAND

Credit: 1

Course Number: MU100, 05101

Grade Level: 9, 10, 11, 12

Prerequisite: At least 1-year previous instrumental experience or instructor approval

A large ensemble that deals with all areas of performance at the high school level. Band is intended to be a yearlong course. Students will participate in pep band, marching band and concert band performances. A wide variety of music will be studied and performed throughout the year. Attending performances is a course requirement, but students and athletes will be excused in coordination with other coaches and sponsors when necessary. Percussion enrollment second semester will be determined by the band and percussion instructors according to the needs of the band.

DRUMLINE/PERCUSSION ENSEMBLE

Credit: 1.0

Course Number: MU120, 05106

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor approval through audition and must be enrolled in Band MU100 first semester. A small ensemble that will focus on drumline music in the fall for football season. The drumline will be a part of the band to march in football games and parades. There will also be opportunities for other performances for the community. Drumline will consist of snare, bass, quads, keyboard percussion, and auxiliary instruments. In addition to continued drumline music, the second semester will focus on percussion ensemble music that entails a wide variety of music and percussion instruments. Students will compete at solo and small ensemble contest in the spring.

PANTHER CHOIR

Credit: 1

Course Number: MU200, 05110

Grade Level: 9, 10, 11, 12

Panther Choir is a mixed chorus that is open to any student who has the desire to sing and be educated in music history, theory, and vocal technique. Music for the group will be selected from all periods of time to include "classical" literature to current "pop" literature. Major emphasis will be placed on performance for concerts. Concert attire will consist of a white shirt, black pants, and black shoes.

SOUNDSATIONS

Credit: 1

Course Number: MU201, 05111

Grade Level: 9, 10, 11, 12

Fees: Uniform Fee

Prerequisite: By Audition

Soundsations is Royal Valley's select choir. Choral literature will include standard secular and sacred music, vocal jazz, and current pop tunes. Soundsations will make many public appearances in the surrounding communities along with performances at school concerts and music contests. Since Soundsations is an auditioned group, it is intended to be a full year obligation and members must meet and maintain the high expectations and integrity of the group through attitude, performance, pride and public appearance. Members of this group will be required to purchase special performance attire. The uniform is approximately \$100.00, and payment is due during the first week of the new school year.

HISTORY OF POPULAR MUSIC

Credit: .5

Course Number:

Grade Level: 9, 10, 11, 12

Take a journey through popular music, focusing primarily in the United States and learn how music developed and grew from the 1920s through current day, how economic, social, and political changes influenced the industry. Students will learn how to use general, fundamental vocabulary to discuss the music and songs being studied, and they will tie the information into historical aspects. Students do not need to have any musical knowledge to take this class.

PHYSICAL EDUCATION & HEALTH

| | 9 | 10 | 11 | 12 |
|---------------------------|---|----|----|----|
| HEALTH | x | x | | |
| WEIGHTS | x | x | x | x |
| FEMALE WEIGHTS | x | x | x | x |
| ADVANCED WEIGHTS | | x | x | x |
| AEROBICS AND CONDITIONING | x | x | x | x |
| EXPANDING SPORTS | x | x | x | x |
| OFFICIATING | | x | x | x |

HEALTH

Credit: .5

Course Number: HPE1110, 08051

Grade Level: 9, 10

This course is designed to help students learn how to acquire a healthy, active lifestyle by exploring the following concepts: body systems, social systems, personal health and family, nutrition, consumer health, life-management skills, disease prevention and control, injury prevention and safety, tobacco, alcohol and other drugs, financial literacy, human sexuality and environmental health.

WEIGHTS

Credit: .5

Course Number: HEP200, 08009

Grade Level: 9, 10, 11, 12

This class will include a variety of activities. A large part of the class will involve an individualized weight lifting program. It will be supplemented with speed development, explosive power, and agility workouts. Testing will take place after each section.

FEMALE WEIGHTS

Credit: .5

Course Number: HEP210, 08009

Grade Level: 9, 10, 11, 12

This course is designed to help students develop and improve on fitness aspects such as weight lifting, core strength, flexibility, speed, acceleration, explosiveness, coordination and the cardiovascular system while improving health and well-being in order to learn how to lead an active, healthy lifestyle. Fundamental techniques, rules and etiquette for each aspect will be learned in class. Performance and highly active participation is a requirement for this class. Appropriate clothing is required in class for both indoor and outdoor activities, as weather permits.

ADVANCED WEIGHTS

Credit: .5

Course Number: HPE420, 08009

Grade Level: 10, 11, 12

Prerequisite: 1 year of weights

Advanced weights will include a more individualized program to fit each student's goals. Students will gain a more in-depth knowledge of each lift and how it will affect their body. The students will use this information to write and use their own weights program. This will still be supplemented with speed development, explosive power, and agility workouts. Testing will take place after each section.

AEROBICS AND CONDITIONING

Credit: .5

Course Number: HPE411, 08052

Grade Level: 9, 10, 11, 12

This course is designed to help students develop cardiovascular fitness, increase energy, strengthen muscles, improve flexibility/balance, improve health and well-being and learn how to lead an active, healthy lifestyle through a variety of fitness activities. Fundamental techniques, rules and etiquette for each activity will be learned in class. Performance and highly active participation is a requirement for this class. Appropriate clothing is required in class for both indoor and outdoor activities, as weather permits

EXPANDING SPORTS

Credit: .5

Course Number: HEP300, 08004

Grade Level: 9, 10, 11, 12

This course is designed to introduce students to a variety of sports and activities that will help improve fine and gross motor skills, eye/hand/foot coordination, social/team interaction, game strategies and rules. This class will be focused on physical conditioning, flexibility and recreational games that will help students learn how to lead an active, healthy lifestyle. Performance and highly active participation is a requirement for this class. Both skills and performance fitness evaluations will be administered throughout the semester. Appropriate clothing is required in class for both indoor and outdoor activities, as weather permits.

OFFICIATING

Credit: .5

Course Number: HPE430, 08999

Grade Level: 9, 10, 11, 12

We will cover the introductory skills and concepts you have used or will need to learn as an official. We'll cover officiating basics, the Science behind good Officiating, the art of officiating, and how you can combine these skills into a satisfying vocation. We hope the content we provide gives you a solid base knowledge of what to expect and how to improve yourself as an official.

SCIENCE

| | 9 | 10 | 11 | 12 |
|--|---|----|----|----|
| BIOLOGY | x | x | x | x |
| PHYSICAL SCIENCE | | x | x | x |
| CHEMISTRY | | x | x | x |
| PHYSICS | | | x | x |
| ZOOLOGY I | | | x | x |
| ZOOLOGY II | | | x | x |
| HUMAN ANATOMY AND PHYSIOLOGY W/ LAB | | x | x | x |
| ENVIRONMENTAL SCIENCE A & B | | | x | x |
| PLANT AND SOIL SCIENCE | | x | x | x |
| MEDICAL TERMINOLOGY A | | x | x | x |
| MEDICAL TERMINOLOGY B | | x | x | x |
| HEALTH SCIENCE A | x | x | x | x |
| HEALTH SCIENCE B | x | x | x | x |
| SPORT MEDICINE | | x | x | x |

BIOLOGY

Credit: 1

Course Number: SC100, 03051

Grade Level: 9, 10, 11, 12

This is an investigative approach to science for the freshman biology student. This includes, but is not limited to lectures, teacher and student driven class discussions, laboratory activities, group investigations and hands-on explorations all used to help students see themselves in relation to their environment, and all organisms in our Biosphere. Major topics include the requirements of life, structure, function, and reproduction of cells and organisms, the interactions with organisms and their environment, and how organisms change over time, heredity, and evolution.

PHYSICAL SCIENCE

Credit: 1

Course Number: SC112, 03159

Grade Level: 10, 11, 12

Prerequisite: Biology

Physical Science courses involve study of the structures and states of matter. Typically (but not always offered as introductory survey courses), they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

CHEMISTRY

Credit: 1

Course Number: SC200, 03101

Grade Level: 10,11,12

Prerequisite: Biology

This course is designed for college-bound students as a preparatory course for general college chemistry. The course will cover major topics of atomic theory and structure, kinetic theory, the Periodic Table, energy changes, equilibrium, solubility, acids and bases, oxidation-reduction, electrochemical cells, electromagnetic radiation, and a brief discussion of the chemistry of carbon compounds. The course will include laboratory experiments.

PHYSICS

Credit: 1

Course Number: SC300, 03151

Grade Level: 11, 12

Prerequisite: Biology and Completed or concurrently enrolled in Algebra II

This course is designed to emphasize the development of concepts in physics, which will be helpful in preparing for college. Topics of study will be mechanics, properties of matter, heat, sound and light, and electricity and magnetism. Laboratory will accompany each chapter.

ZOOLOGY I

Credit: .5

Course Number:

Grade Level: 11,12

Prerequisite: Biology and Physical Science or Chemistry

This course will explore all invertebrate animals in depth. Focus will be placed on classification and evolution, structure and function, ecological roles, and the importance to humans. Accompanying the lecture material will be hands-on activities including multiple dissections and labs.

ZOOLOGY II

Credit: .5

Course Number:

Grade Level: 10, 11, 12

Prerequisite: Zoology I

Course Description: This course will explore all vertebrate animals in depth. Focus will be placed on classification and evolution, structure and function, ecological roles, and the importance to humans. Accompanying the lecture material will be hands-on activities including multiple dissections and labs.

HUMAN ANATOMY & PHYSIOLOGY W/ LAB

Credit: 1.0

Course Number: SC401, 03053

Grade Level: 10, 11, 12

Prerequisite: Biology

This course is designed to give students an overview of the structure and function of the human body. Students will gain an in-depth understanding of the relationship between the structure and function of the human body and the body systems they make up. Lab activities, multiple dissections and other hands-on activities will be used to promote a preliminary understanding of the human body and how it works.

ENVIRONMENTAL SCIENCE A & B

Credit: 1

Course Number: SC1300, 03003

Grade Level: 11, 12

Prerequisite: Biology

Students in this course examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, students will cover major topics including, ecosystems, population and growth studies, pollution, ecological processes, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and conservation of natural resources. This investigative approach to science will include lectures, class discussions, laboratory activities, group investigations, hands-on explorations, and fieldwork.

PLANT AND SOIL SCIENCE

Credit: 1

Course Number: AG120, 18058

Grade Level: 10, 11, 12

Courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, agriculture crops and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils & media mixtures, soil chemistry, fertility, mineralogy, hydrology, soil conservation, irrigation, fruit and vegetable production, turf/golf course management, interior and exterior plant scaping, irrigation systems, weed & pest control, & floral design.

MEDICAL TERMINOLOGY A

Credit: .5

Course Number: HPE402, 14154

Grade Level: 10, 11, 12

Prerequisite: Biology

In Medical Terminology courses, students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

MEDICAL TERMINOLOGY B

Credit: .5

Course Number: HEP403, 35154

Grade Level: 10, 11, 12

Prerequisite: Medical Terms A

In this course students will learn how to identify medical terms by analyzing their components. This course will emphasize defining medical prefixes, root words, suffixes, and abbreviations. To receive a full credit for this course a primary focus must be integrated into the course to emphasize the development of both oral and written skills in the language used to communicate within health care professions.

HEALTH SCIENCE A

Credit: .5

Course Number: HPE400, 1400

Grade Level: 9,10, 11, 12

Provides students with the basic knowledge of health/wellness professionals in private business and industry, community organizations, and health care settings. Includes instruction in personal health, community health and welfare, nutrition, epidemiology, disease prevention, fitness and exercise, and health behaviors

HEALTH SCIENCE B

Credit: .5

Course Number: HPE401, 14001

Grade Level: 9,10,11, 12

Prerequisite: Health Science A

Exploration of Health Care Occupations courses expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, dental care, administrative services, and lab technology). These courses provide experiences in several of these occupational clusters, along with information and knowledge related to the health care industry as a whole.

SPORTS MEDICINE I

Credit: .5

Course Number: HPE405, 14072

Grade Level: 10, 11, 12

Prerequisite: Biology

This course is designed to provide students with the opportunity to explore exercise science and sports medicine, including various therapeutic careers, pertinent terminology, anatomy and physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition and performance enhancement philosophies.

SOCIAL STUDIES

| | 9 | 10 | 11 | 12 |
|---------------------------|---|----|----|----|
| WORLD HISTORY | | x | | |
| US HISTORY | | | x | |
| AMERICAN GOVERNMENT | | | | x |
| BUSINESS ECONOMICS | | | | x |
| CONTEMPORARY WORLD ISSUES | | x | x | x |
| PSYCHOLOGY | | x | x | x |
| CRIMINAL JUSTICE | | x | x | x |

WORLD HISTORY

Credit: 1

Course Number: SS100. 04052

Grade Level: 10

This is a general survey course that begins by building a base knowledge of world geography. World History from the Renaissance Period through the Nineteenth Century will be covered.

U.S. HISTORY

Credit: 1

Course Number: SS200. 04101

Grade Level: 11

The objective of this class is to give the student an appreciation of this country's background—politically, economically, and culturally from reconstruction to present day. The goal is to aid the student in reading comprehension, map and chart skills, visual skills and research technique. This course begins with an introduction that presents an overview of major events and developments in American History from earliest time through Civil War and reconstruction. The first half of the course deals with the transformation of the U.S. through World War I. The second half of the course guides students through the Depression years, World War II, post war to the present.

AMERICAN GOVERNMENT

Credit: .5

Course Number: SS305, 04064

Grade Level: 12

This course is designed to give the student a basic understanding and appreciation of our governmental system. This course examines comparative government forms to ours and reviews basic principles that make up our democratic system. Special emphasis is given to the U.S. Constitution and the function and relationship of the federal branches.

BUSINESS ECONOMICS

Credit: .5

Course Number: SS311, 12105

Grade Level: 12

This course will offer a comparison of different economic systems, with a primary focus on capitalism. Elements of both micro and macroeconomics will be included. This Business Economics course will integrate principles such as free market economy, consumerism, and the role of the American government within the economic system. Students enrolled in this course will also learn entrepreneurship and business concepts such as marketing principles, business law and risk

CONTEMPORARY WORLD ISSUES

Credit: .5

Course Number: SS305, 04064

Grade Level: 10, 11, 12

This course will enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

PSYCHOLOGY

Credit: .5

Course Number: MS400, 04254

Grade Level: 11, 12

Fees: assessed by participating college/university
Prerequisite: 3.0 GPA. teacher/counselor recommendation

This high school psychology course introduces students to the fundamental concepts, theories, and practices in psychology. It covers topics such as human development, brain function, perception, learning, memory, emotion, motivation, personality, psychological disorders, and social behavior. The course aims to develop students' understanding of psychological principles and their application to everyday life, enhancing critical thinking, research skills, and self-awareness.

CRIMINAL JUSTICE

Credit: .5

Course Number: SS415, 04165

Grade Level: 11, 12

Fees: none

Prerequisite: none

A brief overview of the basic areas of psychology including History, Learning, Memory and Thought, Body and Behavior, Sensation and Perception, Infancy and Childhood, Adolescence.

WORLD LANGUAGE

| | 9 | 10 | 11 | 12 |
|-------------------|---|----|----|----|
| SPANISH I | x | x | x | x |
| SPANISH II | | x | x | x |
| SPANISH III | | | x | x |
| SPANISH IV | | | | x |
| HONORS SPANISH IV | | | | x |

SPANISH I

Credit: 1

Course Number: FL100, 06101

Grade Level: 9, 10, 11, 12

Spanish I will introduce students to the Spanish language alongside cultural elements from Latin America and Spain. It is a full year course designed for students with little or no previous study of Spanish. This class uses a Comprehensible Input (CI) approach to learning. Students will acquire the target language by listening and reading in Spanish to support their eventual output of writing and speaking. High frequency structures and cultural elements will be introduced through the use of stories, songs, dramatizations, readings, media, games and class discussion. Active participation is required in this course.

SPANISH II

Credit: 1

Course Number: FL200, 06102

Grade Level: 10, 11, 12

Prerequisite: SPANISH I

Spanish II will build upon the language and cultural knowledge acquired in Spanish I. This course is taught using Comprehensible Input (CI) methods including stories, songs, dramatizations, readings, media, games and class discussion. Output will be expected of students in the form of writing and speaking with the goal of reaching a Novice High acquisition level by the end of the academic year. Active participation is required in this course.

SPANISH III

Credit: 1

Course Number: FL300, 06103

Grade Level: 11, 12

Prerequisite: Spanish II

Spanish III will build upon the language and cultural knowledge acquired in Spanish II. This course is taught using Comprehensible Input (CI) methods. Output will be expected of students in the form of writing and speaking with the goal of reaching an Intermediate Low acquisition level by the end of the academic year. Active participation is required in this course.

SPANISH IV

Credit: 1

Course Number: FL400, 06104

Grade Level: 12

Prerequisite: Spanish III

Spanish IV will build upon the language and cultural knowledge acquired in Spanish III. This course is taught using Comprehensible Input (CI) methods. Output will be expected of students in the form of writing and speaking with the goal of reaching an Intermediate Mid acquisition level by the end of the academic year. Active participation is required in this course.

HONORS SPANISH IV

Credit: 1

Course Number: FL410, 06104

Grade Level: 12

Prerequisite: Spanish III

Honors Spanish IV is designed for students who have developed a strong background in Spanish, consider themselves college-bound and/or want to be challenged. While some of the content will be the same as Spanish IV, students can expect more frequent and complex readings along with more extensive writing, grammar, and vocabulary building. Honors students will also have more rigorous standards for output, with the goal of reaching an Intermediate High acquisition level by the end of the academic year. Active participation is required in this course.

WASHBURN INSTITUTE OF TECHNOLOGY

ADVANCED SYSTEMS TECHNOLOGY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Industrial Technology course includes instruction in electrical theory, basic wiring, and introduction to programming logic controls. Also studied are electrical safety, lockout/tagout, electromagnetic motor controls, 3-phase/single phase/DC motors, electrical, mechanical blueprint, schematic reading, PLC's, hydraulic and pneumatic systems. Careers in this area include maintenance mechanic, PLC technician/mechanic, conveyor maintenance mechanic, and machine repair.

AUTO COLLISION REPAIR

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The course includes all phases of auto body repairing and repainting, the use of modern hand and power tools and equipment, as well as handling typical auto body repair jobs. Related theory and technical instruction includes the study of physical principles of metals and fiberglass, principles of welding, finishing materials, paint, lacquers, and terminology used in the auto body repair industries.

AUTOMOTIVE SERVICE TECHNICIAN

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The automobile course includes areas of training as follows: engine overhaul, carburetors, brakes, wheel alignment, tune-up, electrical systems and power trains. Related theory and technical study includes the study of physical principles as they relate to the construction, maintenance and servicing of automotive vehicles.

BUILDING TECH & COMMERCIAL CONSTRUCTION

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program is designed to include training in blueprint reading, masonry, drywall, AutoCAD, concrete plumbing, electrical, demolition, carpentry, and HVAC sheet metal. Upon completion of the program, the students should have opportunities for employment in the construction field.

CABINET & MILLWORK

Credit: 1.5 per semester :

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program will include furniture and cabinet design, the selection of woods and other materials and the proper use of tools and machines. Students will also learn a variety of furniture construction methods as well as finishing procedures. Graduates will have employment opportunities in furniture manufacturing, home cabinet making and installation and in furniture repair and refinishing. In addition, the training would be beneficial in hardware and furniture sales careers.

CHILDCARE

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Child Care program is designed to provide training in the processes and principles of the growth and development of children from infancy through 6 years of age. Emphasis will be placed on social, emotional, physical, intellectual, motor development, and support services relating to children. Upon completion of the program, the students should have opportunities for employment in such areas as day care centers, state institutions, teacher aides, etc.

COMPUTER REPAIR & NETWORKING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

Computer repair courses prepare the student to become competent computer service professionals and pass the following exams: A+ Core Hardware Service Technician, A+ Operating System Technologies, Microsoft Certified Professional, and Certified Novell Administrator (CNA). The curriculum includes microcomputers, displays, storage media, printers and operating systems (Windows 9X, Windows 2000/NT, Windows XP, and Linux), directory services, security, web services,

LAN/WAN technologies, and messaging services. The Computer Networking courses prepare students for Cisco Certified Network Associated (CCNA) and Microsoft Certified Professional (Windows 2000/2003 Server) certifications. The CCNA curriculum prepares a student to install, configure, and operate local, wide-area, and switched networks. Prospective students must pass the general entrance assessment with a level 5 in Applied Math and Reading for Information.

COSMETOLOGY

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite:

The primary purpose of this 11 credit hour course (375 clock hours) is to train the students in the basic manipulative skills, safety judgments, proper work habits, and desirable attitudes necessary to obtain licensure and for competency in entry-level positions in cosmetology or a related field. During this course the students will conduct a series of problem solving events where teamwork as well as independent thinking is in order. This course will provide reinforcement for group activities among traditional and non-traditional students. The areas of emphasis will be Professional Development, Kansas Board of Cosmetology General Laws, Rules and Regulations, The Study of Nails, Salon Ecology, Trichology, Sculpture and Hair Design.

CULINARY ARTS

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite:

The course includes quantity and quality food production, sanitation and safety, nutrition, use and care of equipment, service, purchasing, menu planning, and supervision management, with practical on-the-job training in a new, modern restaurant cafe.

DIESEL MECHANICS

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The course includes repair and maintenance of several types of diesel equipment. Instruction will be given in tune-up and overhauling diesel engines, transmissions and differentials. Some of the types of engines, transmissions and differentials used will be Caterpillar,

Mack, Fuller, Allison and Rockwell Easton. Course of instruction will also include tune-up and adjustment of various types of equipment. Emphasis will be placed on safety, and the proper care and use of tools and test equipment.

ELECTRICITY, HEATING & AIR CONDITIONING

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The course covers safety, blueprint reading, light and power equipment, and study of national electrical code. Four primary areas of Electricity: Electrical Construction, Basic Electrical theory, Basic wiring, and Residential/Commercial Electricity. Heating & Air Conditioning courses include instruction on safety, blueprint reading, gas-pipe fitting, the Uniform Mechanical Code, hydronics, both electricity and gas heating, heat pumps and advanced training in the areas of residential and commercial refrigeration and air-conditioning. The Electricity and Heating Course emphasis will prepare students for employment in electrical construction and maintenance and any of the industries utilizing heating, air-conditioning and or refrigeration.

ELECTRONICS

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The Electronic Technology program provides instruction and skill development to prepare the student for an entry level position in the high tech fields of electronic service, maintenance, or production. The first 540 hours of the program will include the fabrication of basic electronic circuitry with discrete passive and active devices. It will also include the systematic analysis of circuit operation and troubleshooting of each circuit. The second phase of the program will integrate the knowledge of the first 540 hours into a system approach to troubleshooting high tech electronic systems used in industry, business, entertainment, medicine, and the home. Microprocessor families and peripheral devices will be included in the second year.

EMERGENCY COMMUNICATIONS

Credit: 1.5 per semester
Grade Level: 12 (must be 18 years of age)
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

This two-semester program provides graduates with the necessary telecommunications skills and knowledge to be effective in serving the public's needs as part of the local law enforcement, emergency preparedness or any other dispatch system. Our 19-credit hour program includes classroom and clinical instruction including contact hours with dispatchers from both county and city law enforcement offices. Upon successful completion, you will receive a technical certificate from the Kansas Board of Regents and be prepared to take the NIMS certification exam. You must be 18 years of age by March 1, 2017, to enroll in this program.

EMERGENCY MEDICAL TECHNICIAN

Credit: 1.5 per semester
Grade Level: 11, 12 (must be 17 years of age)
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

This one semester program prepares students for this fast-paced job. It is a prerequisite for becoming a paramedic, and is recommended for students interested in careers in which they might be considered a first-responder such as a firefighter or policeman.

GRAPHICS TECHNOLOGY

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The Graphics/Printing/Photo Technology program provides background fundamentals to many graphic arts occupations, both in laboratory experiences and related study. Shop experience includes the following: composition, electronic/desktop publishing, layout and design, darkroom procedures, use and operation of photographic equipment as related to printing, stripping, plate making, offset press operation and bindery operations. Related theory and technical study include the areas of printing materials, production, equipment, and commercial art and layout. Keyboarding skills are recommended but not required.

HEALTH CARE TECH (PRE-NURSING)

Credit: 1.5 per semester
Grade Level: 11, 12 (12 Preferred)
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The Pre-Nursing class is designed to introduce the students to medical terminology and basic health occupational skills that relate to the various levels of nursing. The student who successfully completes this class receives a Washburn Tech certificate and will be eligible for the CNA and Home Health Aide certificate. This is a 3-hour-per-day program for one semester.

LEGAL OFFICE PROFESSIONAL

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The legal secretary program provides students with the training necessary to become an integral member of an attorney's office, judge's office or the legal office of a corporation. Specialized courses of study include business law, legal terms, legal forms, and legal transcription in addition to general office skills. Completing students must type 60 wpm. All applicants should have a basic typing skill of 40 wpm.

MACHINE TOOL TECHNOLOGY

Credit: 1.5 per semester
Grade Level: 11, 12
Fees: assessed by WUIT
Prerequisite: Qualifying ACCUPLACER Test Score

The Machine Tool course provides an opportunity to train in the operation of machine tools including the following: engine lathe, shaper, milling machine, surface grinder, universal grinder, internal and external cylindrical grinding, cutter grinder, Rockwell hardness tester, drill press, hydraulic controlled tracer machines and optical comparator. Related and technical information includes metallurgy, heat treating, blueprint reading, sketching, micrometers, angles, tapers, gearing, fractions, and decimals.

MEDICAL OFFICE SPECIALIST

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

A medical secretary is a member of the medical team. Their chief concern is with medical grammar, ability to comprehend and follow instructions, ability to be accurate in detail and a professional approach toward confidential information.

NURSING ASSISTANT

Credit: 1.5 per semester

Grade Level: 2nd semester seniors

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Nursing Assistant program is the beginning level for members of the health care team. The program is 18 days, full-time, 138 hour course, designed to prepare men and women over 16 years of age, in providing basic personal care to patients in a hospital or nursing home, under the supervision of a L.P.N. or R.N.

OFFICE CAREERS TECHNOLOGY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This program is designed to enable students to enter the workforce with marketable skills for entry-level office positions and training to enable students to move into more advanced positions.

PHLEBOTOMY

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

This one semester program prepares for blood draws and needle work. This program is recommended for students going into nursing or the medical field.

PRACTICAL NURSING

Credit: 1.5 per semester

Grade Level: 2nd semester seniors

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Practical Nursing program provides an opportunity for the student to learn basic scientific principles and

concepts of nursing related to nursing care of mothers and infants, children, individuals with common medical and surgical conditions, the aged, and individuals with mental and emotional problems. After satisfactory completion of the program, the practical nurse is eligible to take the state examination to be licensed.

Prerequisites include college Anatomy and Physiology.

TECHNICAL DRAFTING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The course includes instruction in all phases of drafting, the proper use of drafting tools and machines, preparing reproductions and writing specifications. Related theory and technical instruction includes the study of algebra, geometry and trigonometry, as well as scientific and physical principles of numerous construction and manufacturing materials. In addition, this instruction will include the study of construction, manufacturing and drafting technology and (CAD) computer aided drafting.

WELDING

Credit: 1.5 per semester

Grade Level: 11, 12

Fees: assessed by WUIT

Prerequisite: Qualifying ACCUPLACER Test Score

The Welding course provides training in the following areas: oxy-acetylene welding in the flat, vertical and overhead positions, manual flame cutting of cast iron and steel, heli-welding of aluminum and stainless steel in the flat and vertical positions, sigma welding in the flat and vertical, arc in the flat, vertical, horizontal, and overhead positions. Related and technical information includes: metallurgy, tempering, heat treating, blueprint reading, identification of metals, expansion and contraction of metals, principles of oxy-acetylene processes and general welding processes.

STUDENT AIDES

A student may be an aide for only one class period per semester. Teachers are to have only 1 aide per semester. Students must request to be an aide with the counselor and aides will be assigned by the administration.

ELEMENTARY AIDE

Course Number: TA100, 22995

Grade Level: 11, 12

In order to take this course a student must have:

- Completed an application
- fewer than 4 non-school related absences and 0 tardies the preceding semester
- the approval of the grade school principal
- 3.25 GPA

The aide will assist the teacher with the general non-instructional duties of the class. A student will not earn credit for this course.

OFFICE AIDE

Course Number: TA200, 22051

Grade Level: 11-12

Students will assist with the general office duties such as answering the telephone, typing, using office machines, and other office duties. A student will not earn credit for this course.

In order to take this course a student must have:

- fewer than 4 non-school related absences and 0 tardies the preceding semester
- approval and assigned by the high school principal
- 3.25 GPA

SECONDARY TEACHER AIDE

Course Number: TA300, 22995

Grade Level: 11, 12

In order to take this course a student must have:

- The approval of the instructor
- 3.25 cumulative GPA

The aide will assist the instructor with the general non-instructional duties of the class. The aide is under the direct supervision of the instructor at all times and is to be present and on time daily. A student will not earn credit for this course.

COURSE RETAKE POLICY

With permission, any student may retake an elective course that he/she has failed in order to earn academic credit, improve his/her grade, and improve his/her overall grade point average. Students must have prior permission from the school counselor before re-enrolling in an elective course that they have failed.

It is the preference of the school that a failed core class be retaken with an instructor rather than through an online company. If at all possible in the schedule, students will be re-enrolled in a course they have failed.

ONLINE COURSE RECOVERY POLICY

Royal Valley offers credit recovery courses through an online platform facilitated by Educere. Courses are taught by teachers certified in Kansas, and the program also includes academic advisors that will reach out to students and parents. In order to take the course, both the student and one parent must be listed as contacts in the system, and parents will receive email updates on their student's progress.

Credit recovery courses take approximately sixty days to complete.

Online Course Prerequisites

- I failed a core content (English, math, science, and/or social studies) class required for graduation.
- I cannot fit retaking the course in my current schedule and still take the courses required for graduation.
- I have passed all previous online credit recovery attempts.
- My online grade will be updated once a week in PowerSchool and will count towards eligibility, GPA, and graduation.
- Credit recovery courses do NOT count for NCAA Clearinghouse Eligibility
- Students on an IEP can take a "basic" level course.