

**2017-2018**  
**COURSE CATALOG**

*FOR*

**KINGMAN ACADEMY**



**High School**

**WE ARE**

**LEARNERS TODAY . . . LEADERS TOMORROW**

**KINGMAN ACADEMY OF LEARNING**

3420 N. BURBANK STREET

KINGMAN, AZ 86409

(928) 681-2900

## **Welcome to Kingman Academy of Learning High School (KAHS)**

KAHS is an academic high school designed to help prepare all students for whatever path they pursue after high school. You will have opportunities for intense academic experiences as well as fun and engaging extra-curricular activities. When you graduate from KAHS you will have been given the opportunity to become an excellent student who possesses self-confidence and leadership skills to be successful at the next level of education or in the work field. We look forward to working with you and your parents as you continue the next step toward a great future. WELCOME!!!

### **NEW SCHEDULE**

KAHS is implementing a full-year, 8-period schedule for the 2017-2018 school year. Each student will be scheduled for 7 classes per day, plus a 30-minute class of Tiger 4.0 to promote student success. Core classes will earn ½ credit per semester, for a total of 1 credit each school year. Many of the elective courses offered will be completed in one semester, for ½ credit. The daily schedule will be as follows:

1 <sup>st</sup> period	8:00 - 8:55	Lunch	12:30 - 1:05
2 <sup>nd</sup> period	9:00 - 9:55	6 <sup>th</sup> period	1:05 - 2:00
3 <sup>rd</sup> period	10:00 - 10:55	7 <sup>th</sup> period	2:05 - 3:00
4 <sup>th</sup> period	11:00 - 11:30 (Tiger 4.0)	8 <sup>th</sup> period	3:05 - 4:00
5 <sup>th</sup> period	11:35 - 12:30		

#### **Graduation Requirements CLASS OF 2018**

4	English
4	Math
4	Social Studies
3	Science
1	Foreign Language
1.5	Physical Education
1	Career Path/Tech Ed
1	Fine/Performing Arts
1	Financial Literacy
.5	Health
6	Electives
27	TOTAL CREDITS

#### **Graduation Requirements CLASS OF 2019**

4	English
4	Math
3.5	Social Studies
3	Science
1	Foreign Language
1.5	Physical Education
1	Career Path/Tech Ed
1	Fine/Performing Arts
.5	Financial Literacy
.5	Health
6	Electives
26	TOTAL CREDITS

#### **Graduation Requirements CLASS OF 2020**

4	English
4	Math
3	Social Studies
3	Science
1	Foreign Language
1.5	Physical Education
1	Career Path/Tech Ed
1	Fine/Performing Arts
.5	Financial Literacy
.5	Health
6.5	Electives
26	TOTAL CREDITS

#### **Graduation Requirements CLASS OF 2021**

4	English
4	Math
3.5	Social Studies
3	Science
1	Foreign Language
1	Physical Education
1	Career Path/Tech Ed
1	Fine/Performing Arts
.5	Financial Literacy
.5	Health
5.5	Electives
25	TOTAL CREDITS

## **Curriculum**

Instruction at KAHS is based on the idea that students, parents and teachers work together as a community of learning. Teachers are committed to making sure that all of our students become successful and effective learners. Teachers will be available for additional help as needed. All courses are based on the Arizona Standards for College & Career Readiness and the Arizona State Course Guide.

## **Books/Fees**

Textbooks and materials will be provided for all students. If a book is lost, damaged or otherwise vandalized, the student will be responsible for the full replacement cost of the book. Seniors who have outstanding balances, including but not limited to, overdue class fees, lost or damaged textbooks, and/or damaged athletic uniforms, will not be eligible to participate in any commencement ceremonies until all fees are paid and obligations are met.

## **Class Fees**

Class fees are assessed at the time of fall registration for classes as follows:

- All Math Classes - \$5 each school year
- All Science Classes - \$10 per class  
(exc: Dual Credit Biology 181 and 182 - \$20)
- Art Classes - \$15 per class
- Business Management - \$5
- Life Skills - \$15
- Resource Transition - \$40
- Edgenuity Career Education Electives, see page 17
- MCC Career Pathways: Variable by class, see page 21

## **Class Loads**

All students, grades 9-11, must be enrolled in 8 classes each semester, which includes Tiger 4.0. Seniors may be approved for release time, and should discuss this option with an administrator during scheduling.

## **Attendance**

It is essential that students attend school each day so they will be successful in their classes. Many of the learning activities done in class are not easily duplicated on paper and pencil for students to do at home. For each excused absence, students will have two days to make up the work. At KAHS we expect our students to take the responsibility to ask their teachers for any make-up work to be completed.

## **Transfer Policy**

If a student transfers into KAHS at any time, their credits required for graduation will be reviewed by the administration and alterations will be made as appropriate.

## **Dual Enrollment Courses**

Dual Enrollment courses offered will require an appropriate score on the placement exam given by Mohave Community College (exception STU103). Textbooks and instructors for all dual enrollment courses will be provided by KAOL. In addition, all students enrolled in any Dual Enrollment course must earn a passing grade of 70% or greater on a substantial assignment within the first week of that class or they may be removed from the class. Students who receive a failing grade in any dual enrollment class will not be allowed to enroll in another dual enrollment opportunity for the next school year.

# ***ENGLISH***

<b>Course # Grade Credit/semester</b>	<b>Title/Description</b>
<b>ENG0101 ENG0102 9 ½ credit</b>	<p><b><i>English 1</i></b> Using classical and contemporary literature selections, students will become familiar with literary elements with an emphasis upon theme, setting, character, and plot. This course will enable students to meet the Arizona state standards for English at the proficiency level. Students will read Shakespeare's <i>Romeo and Juliet</i>, Homer's <i>The Odyssey</i>, novel selections, and a variety of short stories, nonfiction, and poems. Students will study, develop, and practice genre writing through composition activities with an emphasis placed on writing as a process. Students will also review and publish narrative, informative, argumentative writing and be able to critique independently and with peers. A strong emphasis will be placed on grammar, mechanics, language usage, vocabulary development, and spelling skills. Public speaking and listening skills will also be taught and reviewed.</p>
<b>ENG0121 ENG0122 9 ½ credit</b>	<p><b><i>Honors English 1</i></b> This is an accelerated course that is designed for the student who intends to pursue a college education. This course will work on skills necessary to be successful in a college atmosphere and prepare students for the ACT and SAT. Areas of focus will include, but are not limited to, exploring varied genres of literature, expanding vocabulary skills, improving writing, developing speaking and listening skills, and conducting and presenting research. <i>Prerequisite: teacher recommendation and/or standardized exam results.</i></p>
<b>ENG0201 ENG0202 10 ½ credit</b>	<p><b><i>English 2</i></b> This course will offer a balanced focus on composition and literature. Students will learn about writing for different purposes and audiences by writing persuasive, narrative, informative, critical, creative and argumentative essays and compositions. Through the study of various genres of literature, including short fiction, poetry, drama, and novels, students can improve their reading rate and comprehension. They will also develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message. Students will enhance their skills in grammar and figurative language through intense exposure and experience.</p>
<b>ENG0221 ENG0222 10 ½ credit</b>	<p><b><i>Honors English 2</i></b> Honors courses will allow for deeper and more critical thinking and reasoning skills. This course is designed for advanced students with a focus on composition and literature. Students will learn about writing for different purposes and audiences by writing persuasive, narrative, informative, critical, creative and argumentative essays and compositions. Through the study of various genres of literature, including short fiction, poetry, drama, and novels, students can improve their reading rate and comprehension. They will also develop the skills to determine the author's intent and theme and recognize the techniques used by the author to deliver his or her message. <i>Prerequisite: teacher recommendation and/or standardized exam results.</i></p>
<b>ENG0301 ENG0302 11 ½ credit</b>	<p><b><i>English 3</i></b> Using classical and contemporary literature selections, students will read short stories, dramas, poetry, and novel selections related to and dealing with American literature/history. A strong emphasis will be placed on grammar and vocabulary studies as students will utilize these skills in narrative, informative, and argumentative writing. Students will write and analyze different types of stories, essays, and research documents. Students will continue to be given the opportunity to meet the proficiency level standards in the areas of reading and writing.</p>

# ***ENGLISH***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ENGD351 ENGD352 11-12 ½ credit</b>	<p><b><u>AP English 3/Dual Enrollment 101/236</u></b>  <b>ENG 101 ENGLISH COMPOSITION 1</b> - This MCC course will review the fundamentals of grammar, sentence structure and paragraphs. It includes extensive theme writing with an emphasis on exposition and critical thinking.</p> <p><b>ENG 236 AMERICAN LITERATURE 2</b> – This MCC course is a general survey of American literature from the Civil War to the present. It will include representative works and writers from the realist, modern, and postmodern periods.</p>
<b>ENG0401 ENG0402 12 ½ credit</b>	<p><b><i>English 4</i></b>  Using classical and contemporary literature selections centering around world literature, students will read short stories, dramas, poetry and literature selections. Students will receive instruction in literary devices, rhetoric and vocabulary, and will improve their writing skills. Students will complete narrative, informative, and argumentative essays, a speech, and a research project. Students will continue to be given the opportunity to meet the proficiency level standards in the areas of reading and writing.</p>
<b>ENGD451 ENGD452 12 ½ credit</b>	<p><b><u>AP English 4/Dual Enrollment 102/233</u></b>  <b>ENG 102 ENGLISH COMPOSITION 2</b>  This course is a continuation of the composition and rhetoric focus of ENG 101 with an emphasis on persuasive, research-based writing and analysis of literature. Students will study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argumentative, narrative, and research-based writing).</p> <p><b>ENG 233 ENGLISH LITERATURE 1</b>  A general survey of English literature from approximately the eighth century to the mid-eighteenth century. Includes representative readings from the Anglo-Saxon, Middle-English, Renaissance, and Neo-Classical (Restoration, Augustan Age, and Age of Johnson) periods. Students will improve their critical-thinking skills as they determine the underlying assumptions and values within the selected works and as they understand how the literature reflects the society of the time. Oral discussion is an integral part of literature courses, and written compositions are often required.  <i>Prerequisite: successful completion of English 101/236</i></p>
<b>ENGM101 ENGM102 9-12 ½ credit</b>	<p><b><i>Resource English</i></b>  This class is designed for those students identified as special needs in the area of reading and/or written language. The reading curriculum will focus on improving reading, decoding, and comprehension skills through short stories, poetry, drama, and novel selections. Improvement of written language skills will also be a focus which will be based on the 6+1 writing traits that include: ideas, organization, voice, word choice, sentence fluency, conventions, and presentation.</p>

# **MATHEMATICS**

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>MAT0111 MAT0112 9 ½ credit</b>	<p><b><i>Algebra Foundations</i></b> This course is designed to increase students' foundational math 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.</p>
<b>MATE121 MATE122 9-12 ½ credit</b>	<p><b><i>Algebra 1</i></b> The first part of this course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. The second part will include the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.</p>
<b>MATE221 MATE222 9-12 ½ credit</b>	<p><b><i>Geometry</i></b> This course will emphasize an abstract, formal approach to the study of geometry, typically including topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.</p>
<b>MATE321 MATE322 10 ½ credit</b>	<p><b><i>Algebra 2</i></b> The topics of this course will include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.</p>
<b>MATE341 MATE342 11-12 ½ credit</b>	<p><b><i>Financial Algebra/Money Management</i></b> This course is designed as an alternative to Algebra 2 and will meet the fourth math credit requirement. This course focuses on the applications of mathematics in personal and business settings. Topics include personal financial planning, income, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, consumer credit, consumer debt, economic principles, traveling abroad, starting a business, and analyzing business data. Students apply math skills such as percent, proportions, probability, data analysis, linear systems, exponential functions and formulas to real life situations. In the Making Connections sections, relevant, project-based learning activities provide students with a deeper understanding of the subject matter. It is an ideal class for a junior or senior looking towards their future. The course will be presented in a differentiated setting whose instructional delivery will include the use of computer-based software, small group discussions, and individual student instruction. <u>Financial Algebra will NOT count as a college entrance math requirement.</u> <i>Prerequisite: successful completion of Geometry or higher.</i></p>

# **MATHEMATICS**

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>MATE421</b> <b>MATE422</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>Trigonometry/PreCalculus</i></b></p> <p>This course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.</p> <p><i>Prerequisite: successful completion of Algebra 2</i></p>
<b>MAT0451</b> <b>MAT0452</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>AP Calculus 1</i></b></p> <p>Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including anti-derivatives and the definite integral).</p> <p><i>Prerequisite: successful completion of Trigonometry/PreCalculus</i></p>
<b>MATD471</b> <b>MATD472</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>MCC College Level Math</i></b></p> <p>Once a student has completed Pre-Calculus they will be encouraged to enroll in one MCC math course based on their placement test results. This course can be taken during senior year and Kingman Academy of Learning will pay the cost of tuition and books. (Please note: 3 credit college course = ½ credit HS Math). Please see page 15 for guidelines of enrollment in an MCC course.</p>
<b>MATM101</b> <b>MATM102</b> <b>9-12</b> <b>½ credit</b>	<p><b><i>Resource Math</i></b></p> <p>This class is designed for those students identified as special needs in the area of math. Curriculum will focus on improving knowledge of basic math facts while increasing the ability to apply math skills to daily life.</p>

# **SCIENCE**

<b>Course # Grade Credit</b>	<b>Title/Description</b>
<b>SCI0121</b> <b>SCI0122</b> <b>9-12</b> <b>½ credit</b>	<b>Biology 1</b> This course is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, cellular energy, cellular reproduction, and genetics.
<b>SCI0131</b> <b>SCI0132</b> <b>10-12</b> <b>½ credit</b>	<b>Biology 2</b> This advanced biology course will cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; general plant and animal physiology; human anatomy and physiology; taxonomy, and the evolution and adaptation of organisms. <i>Prerequisite: completion of Biology 1</i>
<b>SCID423</b> <b>SCID424</b> <b>10-12</b> <b>½ credit</b>	<b>Biology/Dual Enrollment BIO181</b> This is the first of a 2-course sequence designed for science majors. The course provides a broad overview of life on earth today and how life has changed over time. The course content focuses on the basic mechanisms of life, cell structure and function, biochemistry, metabolism, energetics, genetics and evolution. Labs and lecture. <i>Prerequisite: successful completion of Biology 1 with a grade of A or B</i>
<b>SCID431</b> <b>SCID432</b> <b>11-12</b> <b>½ credit</b>	<b>AP/Dual Enrollment Biology BIO182</b> This course covers the current classification, structure, and life history of organisms. The structure and function of human organ systems will also be examined in detail. Additionally, the evolutionary forces and ecological stimuli for patterns of adaptation will also be examined. Lab experiences will provide students with an appreciation and knowledge of the tremendous diversity seen in the living world. <i>Prerequisite: successful completion of BIO181</i>
<b>SCI0321</b> <b>SCI0322</b> <b>10-12</b> <b>½ credit</b>	<b>Chemistry</b> Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied. <i>Prerequisite: successful completion of Geometry A</i>
<b>SCI0331</b> <b>SCI0332</b> <b>11-12</b> <b>½ credit</b>	<b>Physics</b> Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. <i>Prerequisite: successful completion of Algebra 2B</i>
<b>SCI0221</b> <b>SCI0222</b> <b>10-12</b> <b>½ credit</b>	<b>Anatomy &amp; Physiology 1</b> This is an advanced lab science course designed to study, in detail, the structure and function of the human body and its systems. Students will have the opportunity to become familiar with the functions and interactions of the skeletal and muscular systems, and the balance of fluids and electrolytes in the human body. In order to understand the structure of the human body and its functions, students will learn anatomical terminology, study cells and tissues, explore functional systems, and may dissect mammals. <i>Prerequisite: successful completion of Biology 1.</i>



# **SCIENCE**

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>SCI0231</b> <b>SCI0232</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>Anatomy &amp; Physiology 2</i></b></p> <p>This course is a continuation of Anatomy &amp; Physiology 1. Several body systems will be studied with emphasis placed on structure, function and homeostasis. Body systems will be investigated from the cellular to the system level. Lectures, text, prepared slides, dissections and other applicable labs will be used to accomplish this investigation.</p> <p>Possible body systems to be covered are the cardiovascular, digestive, and reproductive, including units on pregnancy, growth, and development.</p> <p><i>Prerequisite: Successful completion of Anatomy &amp; Physiology 1 or teacher recommendation. Also recommended for students currently in the MCC Certified Nursing Assistant Program and/or MCC Emergency Medical Service Program.</i></p>
<b>Sci0123</b> <b>Sci0124</b> <b>9-12</b> <b>½ credit</b>	<p><b><i>Physical Science</i></b></p> <p>This course will involve study of the structures and states of matter. As an introductory course to additional sciences, it may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical reactions.</p>
<b>SCI0141</b> <b>SCI0142</b> <b>10-12</b> <b>½ credit</b>	<p><b><i>Environmental Science</i></b></p> <p>This course will examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, the following subjects may be covered: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.</p>
<b>SCIM101</b> <b>SCIM102</b> <b>9-12</b> <b>½ credit</b>	<p><b><i>Resource Science</i></b></p> <p>This course is designed to give the students a broad overview of science, including physical science, biology and environmental sciences. The course is designed for those students identified as special needs in reading and/or written language.</p>

# ***SOCIAL STUDIES***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>SSC0201</b> <b>9</b> <b>½ credit</b>	<b><i>World Geography</i></b> This course will provide students with an overview of world geography with a variety of topics. These may include the physical environment, the political landscape, the relationship between people and the land, economic production and development, and the movement of people, goods, and ideas. Focus will be on the five themes: Location (world in spatial terms/maps), Place (land forms, weather patterns, human changes), Movement (people from place to place), Human-environment Interaction (our affect on the earth and how the earth changes humans), and Region (how we classify areas based on uniting characteristics).
<b>SSC0221</b> <b>SSC0222</b> <b>10-12</b> <b>½ credit</b>	<b><i>World History</i></b> In this course, students will be provided with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. Geographical studies may be included, but not as explicitly as in geography.
<b>SSC0231</b> <b>SSC0232</b> <b>10-12</b> <b>½ credit</b>	<b><i>AP World History</i></b> Following the College Board’s suggested curriculum designed to parallel college-level World History courses, AP World History will examine world history from 8000 BCE to the present with the aim of helping students develop a greater understanding of the evolution of global processes and contracts and how different human societies have interacted. These courses highlight the nature of changes in an international context and explore their causes and continuity. Students will be provided with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. <i>Prerequisite: completion of World History/Geography</i>
<b>SSC0321</b> <b>SSC0322</b> <b>10-12</b> <b>½ credit</b>	<b><i>U. S. History</i></b> This comprehensive course will provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. It will include a historical overview of political, military, scientific, and social developments, and may include a history of the North American peoples before European settlement. Students will analyze human experience through time, recognize the relationships of events and people, and interpret significant patterns, themes, beliefs and ideas in American history.
<b>SSCD452</b> <b>10-12</b> <b>½ credit</b>	<b><i>Dual Enrollment History of the United States 1 (HIS 131)</i></b> This MCC course contains a survey of the political, economic, and cultural history of the United States with emphasis placed on historical events, people and movements that impacted American society.
<b>SSC0301</b> <b>11-12</b> <b>½ credit</b>	<b><i>U. S. History – Modern (1865 to Present)</i></b> This U.S. History course will examine the history of the United States from the Civil War or Reconstruction era through the present time. Studies will include a historical review of political, military, scientific, and social developments.
<b>SSCD461</b> <b>11-12</b> <b>½ credit</b>	<b><i>Dual Enrollment/AP History of the United States 2 (HIS 132)</i></b> The MCC course is a continuation of the survey of the United States history from the period of reconstruction to the present day.

# ***SOCIAL STUDIES***

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b>SSC0421</b> <b>12</b> <b>½ credit</b>	<b><i>American Government</i></b> This comprehensive course will provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. It may also include an examination of the structure and function of state and local governments and may cover certain economic and legal topics.
<b>SSC0422</b> <b>12</b> <b>½ credit</b>	<b><i>Economics</i></b> Economics courses provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These courses may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applied contexts, or both.
<b>SSC0432</b> <b>12</b> <b>½ credit</b>	<b><i>AP Economics</i></b> This course will prepare students for the College Board's examinations in both Microeconomics and Macroeconomics. Microeconomics will provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). Primary emphasis will be on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy. Macroeconomics will provide students with a thorough understanding of the principles of economics that apply to an economic system as a whole. Particular emphasis will be on the study of national income and price determination and developing students' familiarity with economic performance measures, economic growth, and international economics.
<b>SSCD471</b> <b>12</b> <b>½ credit</b>	<b><i>Dual Enrollment/AP American National Government (POS 120)</i></b> This MCC course is a survey of the United States government including the Constitution, political parties and elections, pressure groups, Congress, the President and bureaucracy, courts, civil rights and liberties, and foreign affairs.
<b>SSCM101</b> <b>SSCM102</b>	<b><i>Resource Social Studies</i></b> This class is designed for students who need basic knowledge of World Geography/World History or U. S. History. Students will study the basic concepts covered in the regular academic class, with adjustments made in depth of material covered, level of difficulty and class pace. The course is designed for those students identified as special needs in reading and/or written language.

# **FOREIGN LANGUAGE**

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b>FLG0101</b> <b>FLG0102</b> <b>9-12</b> <b>½ credit</b>	<p><b>Spanish 1</b></p> <p>Designed to introduce students to Spanish language and culture, this course will emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture will be introduced through the art, literature, customs, and history of Spanish-speaking people.</p>
<b>FLG0201</b> <b>FLG0202</b> <b>10-12</b> <b>½ credit</b>	<p><b>Spanish 2</b></p> <p>This course will build upon skills developed in Spanish I, extending the students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).</p> <p><i>Prerequisite: successful completion of Spanish 1</i></p>
<b>FLGD251</b> <b>10-12</b> <b>½ credit</b>	<p><b>Dual Enrollment Spanish – SPA 101</b></p> <p>In this course, students will develop the fundamental language skills (speaking, listening comprehension, writing, and reading comprehension) of the Spanish language and presents appreciation of the cultures of Spanish speaking countries.</p> <p><i>Prerequisite: successful completion of Spanish 1 with an A or B or completion of Spanish 2</i></p>
<b>FLGD252</b> <b>10-12</b> <b>½ credit</b>	<p><b>Dual Enrollment Spanish – SPA 102</b></p> <p>This course reinforces the basic Spanish language skills previously acquired. It further develops speaking, listening, reading, and writing skills as well as an understanding and appreciation of the cultures of Spanish speaking countries.</p> <p><i>Prerequisite: successful completion of SPA101</i></p>
<b>FLG0111</b> <b>FLG0112</b> <b>9-12</b> <b>½ credit</b>	<p><b>Sign Language 1</b></p> <p>Students will be able to use both receptive and expressive skills in order to communicate basic needs and wants with a deaf individual. They will engage in receptive and expressive activities (ex. dialogue and role play) for the purposes of providing and obtaining information, expressing feelings and preferences, and exchanging ideas and opinions. Students will be involved both individually and in groups to complete these activities. Students will learn about the structure of the ear, various types and degrees of hearing loss, and multiple technologies to enhance hearing. Students will take a field trip out into the community using sign language only to work and build on language skills and culture knowledge.</p>
<b>FLG0211</b> <b>FLG0212</b> <b>10-12</b> <b>½ credit</b>	<p><b>Sign Language 2</b></p> <p>This course will build upon skills developed in Sign Language 1, extending the students' ability to understand and express themselves in American Sign Language and increasing their vocabulary and speed. Students will learn how to engage in discourse for informative or social purposes and to comprehend the language when signed slowly. They will further engage in receptive and expressive activities (ex. dialogue and role play) for the purposes of providing and obtaining information, expressing feelings and preferences, and exchanging ideas and opinions. Students will learn more aspects of the Deaf and Hard-of-Hearing culture in order to act and express themselves correctly in various situations. Students will take a field trip out into the community using sign language only to work and improve their language skills and knowledge of the culture.</p> <p><i>Prerequisite: Successful completion of Sign Language 1.</i></p>

## **FOREIGN LANGUAGE**

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b>FLG0311</b> <b>10-12</b> <b>½ credit</b>	<b><i>Sign Language 3</i></b> This course will focus on having students express increasingly complex concepts while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when viewing the language signed at normal rates and conversing easily within limited situations. <i>(Prerequisite: Successful completion of Sign Language 2)</i>
<b>FLGC401</b> <b>FLGC402</b> <b>10-12</b> <b>½ credit</b>	<b><i>Latin 1 (Online offering only)</i></b> High School students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.
<b>FLGC411</b> <b>FLGC412</b> <b>10-12</b> <b>½ credit</b>	<b><i>Latin 2 (Online offering only)</i></b> Latin II courses enable students to expand upon what they have learned in Latin I, increasing their skills and depth of knowledge through the practice of structures, forms, and vocabulary. Reading materials reflect Roman life and culture.
<b>FLGC421</b> <b>FLGC422</b> <b>10-12</b> <b>½ credit</b>	<b><i>Chinese 1 (Online offering only)</i></b> Designed to introduce students to Chinese language and culture, Chinese I courses emphasize basic syntax, simple vocabulary, written characters, and spoken tones so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Chinese culture is introduced through the art, literature, customs, and history of Chinese-speaking people.

## **FINANCE**

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b>FIN0101</b> <b>11</b> <b>½ credit</b>	<b><i>Financial Literacy</i></b> This course will provide students with an understanding of the concepts and principles involved in managing one's personal finance. Topics include savings and investing, credit, social security, spending patterns and budget planning, contracts and consumer protection. This course may also provide an overview of the American economy. <u><i>This is a required course for all graduates of the classes of 2018 and beyond.</i></u>

# **PHYSICAL EDUCATION & HEALTH**

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>PED0110 PED0111 9 ½ credit</b>	<b><i>Physical Education</i></b> Students will be encouraged to improve their physical health and well-being by participating in a wide range of individual and team activities designed to promote active lifestyles and lifetime activities. They will be introduced to a variety of developmentally appropriate activities and will be exposed to several movement forms including rhythmic activities and dance. Performance expectations for each student will be based on their entry-level of fitness, with a large emphasis on participation and effort. All students will develop an understanding of what is required to achieve different levels of fitness and learn to respect others regardless of their fitness or competence levels. The ultimate goal of this class is to encourage students to look at the factors that will allow for a healthy and active life and integrate them into their individual lifestyle.
<b>PED0120 PED0121 10-12 ½ credit</b>	<b><i>Health/Physical Education</i></b> This is a required course for graduation. The Health portion of this course will focus on maintaining a high level of physical, mental, and emotional health. Students will be instructed about disease prevention, accepting responsibility for their own personal health decisions and practices, working to maintain a healthy environment, and becoming well-informed consumers. The course does put a strong focus on sex education along with a number of facts and statistics that will encourage the students to make better decisions on staying abstinent. Students will walk away with a better understanding of what are proper relationships and the characteristics of a healthy family. For the Physical Education portion of this course, please see the description above.
<b>PED0210 10-12 ½ credit</b>	<b><i>Advanced PE/Fitness</i></b> This course will emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. <i>Prerequisite: completion of Physical Education</i>
<b>PED0220 10-12 ½ credit</b>	<b><i>Advanced PE/Weights</i></b> This class is for students who have successfully completed one Physical Education course. Designed for the serious student or athlete concerned with their physical fitness, this class centers around the philosophy of hard work. The course will help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; it may include other components such as anatomy and conditioning. <i>Prerequisite: completion of Physical Education</i>
<b>PEDM110 PEDM111 9-12 ½ credit</b>	<b><i>Modified Physical Education</i></b> This course will provide physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

# ***FINE/PERFORMING ARTS***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ART0101</b> <b>9-12</b> <b>½ credit</b>	<p><b>Art 1</b>            This comprehensive course will provide students with the knowledge and opportunity to explore art forms and to create individual works of art, and may also provide a discussion and exploration of career opportunities in the art world. Introductory units will cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process will become more refined, and students are encouraged to develop their own artistic styles. Although this course focuses on creation, it may also include the study of major artists, art movements, and styles.</p>
<b>ART0201</b> <b>ART0202</b> <b>ART0203</b> <b>10-12</b> <b>½ credit</b>  <i>Prerequisite for all Art 2: successful completion of Art 1</i>	<p><b>Art 2 – Painting</b>            A continuation of the topics in Art 1, this course will focus on painting. In keeping with this attention on two-dimensional work, students may work with several media (such as watercolor, tempera, oils, acrylics).</p> <p><b>Art 2 – Drawing/Calligraphy</b>            A continuation of the topics in Art 1, this course will focus on drawing and calligraphy. In keeping with this attention on two-dimensional work, students may work with several media (such as pen-and-ink, pencil, chalk). The calligraphy portion will teach various styles of inscribing letters, developments in design and lettering, the romance of lettering through the ages, and the modern use of lettering in advertising and art.</p> <p><b>Art 2 – Sculpture</b>            A continuation of the topics in Art 1, this course will focus on creating three-dimensional works. Students may work with a variety of media (such as clay, wood, metals, textiles, and recycled materials).</p>
<b>ART0301</b> <b>10-12</b> <b>½ credit</b>	<p><b>Art History/Art Appreciation</b>            This course will introduce students to the many forms of art and help them form an aesthetic framework through which they can judge and critique art of various ages and cultures. They will also explore the place and significance of art in our society. The history segment will introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. An emphasis may be on the evolution of art forms, techniques, symbols, and themes.</p>
<b>ART0351</b> <b>10-12</b> <b>½ credit</b>	<p><b>AP Studio Art – 2-Dimensional</b>            This course will focus on a variety of concepts and approaches in drawing and 2-D design, enabling students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. This conceptual variety may be demonstrated through the use of one or several media. This course will enable students to refine their skills and create artistic works to submit via a portfolio to the College Board for evaluation.</p>
<b>ART0360</b> <b>10-12</b> <b>½ credit</b>	<p><b>3D Graphic Design</b>            This course will emphasize design elements and principles in the purposeful arrangement of images and text to communicate a message. They focus on creating art products such as advertisements, product designs, and identity symbols. Students may investigate the computer's influence on and role in creating contemporary designs and provide a cultural and historical study of master design works of different periods and styles.</p>

# ***FINE/PERFORMING ARTS***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ARTC401</b> <b>11-12</b> <b>½ credit</b>	<b><i>3D Art I: Modeling (online)</i></b> This course focuses on the fundamental concepts of 3D modeling and explores the basic concepts and skills of 3D animation. Students learn Blender software to create 3D models such as a house, a creature, an animation of a creature walking and a landscape terrain. Activities include using points on a grid to create mountains and using a color gradient to create a sun and a moon. Students learn 3D space and 3D objects; creating, scaling and rotating objects; materials and textures; poses and key frames; extruding and mirroring 3D objects; rendering animations; and appending materials, textures, objects, armatures and animations.
<b>ARTC403</b> <b>11-12</b> <b>½ credit</b>	<b><i>3D Art II: Animation (online)</i></b> This course focuses on building animation skills including realistic movement and lighting. Students learn the Blender software workspace and tools; location and rotation properties; scripts; IP curves; vector handles; rendering and banking animations and simulations; and particle systems and emitters. Activities and projects promote key 3D animation concepts including frames and key frames; squash and stretch; action strips; walk cycles and poses and trajectories. Students develop the skills needed to design and create animations with an understanding of the skills needed to succeed as professional animators. <i>Prerequisite: 3D Art 1 – Modeling</i>
<b>ARTC405</b> <b>11-12</b> <b>½ credit</b>	<b><i>Digital Arts 1 &amp; 2 (online)</i></b> Digital Arts will focus on building a solid foundation of the elements of art and design: line, shape, color, value, space and texture. Topics include learning processes for evaluating artworks and identifying selected artists' works, styles and historical periods. Students learn 3D space in a 2D environment; filters, gradients, and highlights, and methods of working with color. By the end of the course, students will have created a unique portfolio of digital artwork, including repeating images to be used as a computer's desktop background, a logo with a test, two images scaled proportionally to one another, and a poster image and layout. Students advance their skills using Inkscape, a free and open-source alternative to Adobe Illustrator, and also learn new tools such as the Spiral, Bezier, and Paint Bucket Tools.
<b>DRA0101</b> <b>9-12</b> <b>½ credit</b>	<b><i>Drama 1</i></b> This course is designed to enhance the students' understanding of life through the study and performance of dramatic works. Emphasis will be on developing the students' ability to express themselves and establish personal criteria for the critical evaluation of drama activities.
<b>DRA0102</b> <b>9-12</b> <b>½ credit</b>	<b><i>Intro to Theater</i></b> This course will provide an overview of the art, conventions, and history of the theater. Although some experiential exercises may be included, the emphasis will be on learning about the theater rather than performance. Studies may include these topics: basic techniques in acting, major developments in dramatic literature, major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art.
<b>MUS0101</b> <b>9-12</b> <b>½ credit</b>	<b><i>Music Appreciation</i></b> This course will focus specifically on the students' appreciation of music. It is designed to help students explore the world of music and to develop an understanding of the importance of music in their lives.



## **CAREER PATHWAYS & TECHNICAL EDUCATION**

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>CTE0110</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>Advanced Financial Literacy/Consumer Economics</i></b></p> <p>This course will provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, insurance, taxes and social security, spending patterns, housing, and retirement planning. An overview of the U.S. economy may also be incorporated into the units of study.</p> <p><i>Prerequisite: completion of Financial Literacy</i></p>
<b>CTE0120</b> <b>11-12</b> <b>½ credit</b>	<p><b><i>Business Management</i></b></p> <p>This course is designed to provide students with an understanding of the U.S. business system, its organizations, and its management. It will examine various leadership and management styles in a variety of successful business organizations, large or small.</p>
<b>CTE0125</b> <b>10-12</b> <b>½ credit</b>	<p><b><i>Marketing</i></b></p> <p>This course will focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Additional topics may be covered in human relations, computers, and economics.</p>
<b>CTE0130</b> <b>9-12</b> <b>½ credit</b>	<p><b><i>Keyboarding</i></b></p> <p>Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they will improve their speed and accuracy to develop keyboard proficiency.</p>
<b>CTE0140</b> <b>9-12</b> <b>½ credit</b>	<p><b><i>Life Skills</i></b></p> <p>This comprehensive course is designed as an inclusive study of the knowledge and skills that are useful for the efficient and productive management of the home. Topics may include foods and nutrition, clothing, child development and care, consumer decisions, and interpersonal relationships.</p>
<b>CTE150</b> <b>10-12</b> <b>½ credit</b>	<p><b><i>Medical Terminology</i></b></p> <p>This course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills in this course provide students entering the health care field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments and unit-level assessments.</p>
<b>CTE0160</b> <b>10-12</b> <b>½ credit</b>	<p><b><i>Microsoft Office</i></b></p> <p>This word processing course will introduce students to automated document production using one or more software packages. The course will include keyboarding techniques, and speed and accuracy will be emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word processing software programs. The course may also cover file and disk management and other computer-related skills.</p>

## **CAREER PATHWAYS & TECHNICAL EDUCATION**

**Kingman Academy of Learning has partnered with Edgenuity to offer our students the opportunity to take online career education elective classes during the school day. Only juniors and seniors are eligible to take these classes. KAHS will provide a class period in which the students will work in the computer lab on these courses. Class availability is limited and will depend on schedule flexibility.**

*The cost of the elective courses will be paid by KAOL. For each course not completed successfully, students will be held responsible for reimbursement of the \$150 course fee.*

<b>Course # Credit/Semester</b>	<b>Title/Description</b>
<b>CTEC171</b> <b>11-12</b> <b>½ credit</b>	<b><i>Computer Science 1 &amp; 2 (online)</i></b> This course introduces students to the basics of computer science through a series of Python programming projects that encourage creativity and experimentation. Students create a diverse portfolio of projects as they learn commands and functions, values and variables, Graphic User Interface, modular and object-oriented programming, and events and event-driven processes. Students also learn loops, debugging techniques, software development processes, arrays and sets, generators and namespaces, packages and libraries, randomness, file handling, and how to program simple games. Students explore careers in programming, including profiles from a wide variety of programming professionals.
<b>CTEC173</b> <b>11-12</b> <b>½ credit each</b>	<b><i>Engineering Design 1 &amp; 2 (online)</i></b> Students are introduced to computer-aided design including the creation of geometric forms, interpreting 2D and 3D drawings of objects, and editing isometric and perspective drawings in a professional CAD environment. Students learn the steps of the design process by modeling and building paper towers, bridges or platforms. Projects include orthographic projections of 3D objects, isometric drawings, designing a 3D container, and applying math and geometry skills to models and engineering processes. Students produce drawings to meet design specifications, create oblique and perspective CAD drawings, edit drawings in a 3D CAD environment, and apply reverse engineering to an object to explore its parts, aesthetics, and manufacturing process. Students also learn Creo Elements Direct, a 3D CAD modeling program used by professional engineers.
<b>CTEC175</b> <b>11-12</b> <b>½ credit</b>	<b><i>Projects in Game Design (online)</i></b> Utilizing the Multimedia Fusion 2 software program, this supplemental course allows students to build a solid foundation in the fundamentals of game design/development. Students create an impressive portfolio of interactive, engaging games such as a classic two-player Ping-Pong game, a block-breaking action game, and a maze game with moving obstacles. Students learn the MMF2 language of events, conditions/actions; game objects that track scores, lives, time and more; and automated, random and user-controlled movement. Topics include libraries, game sounds, and game-design concepts including objects, layers/frames, cursors/crosshairs, pixels/coordinates, calculations, title/end screens, and looping animations.
<b>CTEC177</b> <b>11-12</b> <b>½ credit each</b>	<b><i>Health Science Concepts A &amp; B (online)</i></b> This course introduces students to the fundamental concepts of anatomy and physiology including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with the strong base of core knowledge and skills that can be used in a variety of health science career pathways.
<b>CTEC179</b> <b>11-12</b> <b>½ credit each</b>	<b><i>Introduction to Entrepreneurship A &amp; B (online)</i></b> This course teaches the key skills and concepts students need to know to plan and launch a business. Students learn about real-life teen entrepreneurs; characteristics of successful entrepreneurs; how to attract investors and manage expenses; sales stages, planning, and budgeting; how to generate business ideas and create a business plan; and how to promote and market a company. Topics include exploring factors of business success and failure, economic systems, competition, production, costs and pricing, accounting, bookkeeping, and financial reporting, working with others, and successfully managing employees.

## ***ADDITIONAL ELECTIVES***

*Students are reminded that in addition to the courses listed below, they may also complete any additional courses from the areas in this guide (fine arts, science, social studies, foreign language, etc. that will count as electives after the graduation requirement for their subject area has been fulfilled.)*

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ELC0100</b> <b>9-12</b> <b>¼ credit</b>	<b><i>TIGER 4.0</i></b> All students will be enrolled in this course during the 4 <sup>th</sup> period of the day, and they will earn ¼ credit each semester.
<b>ELC0110</b> <b>ELC0111</b> <b>9-12</b> <b>½ credit</b>	<b><i>Academic Decathlon</i></b> Academic Decathlon is both a class and a team competition. It requires students to prepare and study for ten academic events. This class does not stress specialization but focuses on student versatility and learning across the curriculum. Students will focus on the areas of mathematics, science, social studies, economics, language and literature, interview, essay writing, fine arts, speech, and music. In addition to these areas of focus there is a rotating "Super Quiz" topic about which students must research and gain understanding. One aspect of this course is learning to integrate interview and speaking skills. The culmination of the course will be the selection of the members for the KAHS team to compete at the regional tournament. Standards met will be consistent with the U.S. Academic Decathlon curriculum.
<b>ELC0130</b> <b>9-12</b> <b>½ credit</b>	<b><i>Creative Writing</i></b> This course will offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. It may cover several expressive forms, or concentrate on a particular one (such as poetry or playwriting).
<b>ELC0140</b> <b>10-12</b> <b>½ credit</b>	<b><i>Leadership</i></b> This course is designed to strengthen the students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), this course may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics.
<b>ELC0160</b> <b>9-12</b> <b>½ credit</b>	<b><i>Nutrition</i></b> This course will provide students with an understanding of food's role in society, instruction in how to plan and prepare meals, instruction in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living. Emphasis may be placed on the nutritional components of a balanced diet or on specific types of food preparation. The course may present career opportunities in the food service industry, but the emphasis is not career-related.
<b>ELC0170</b> <b>9-12</b> <b>½ credit</b>	<b><i>Pop Culture</i></b> The purpose of this class is to explore history through various mediums such as radio, television, music, and film. Students will examine the American culture during the 20 <sup>th</sup> Century and how the icons of the entertainment industry impacted our culture as well as how the events of our past impacted our entertainment.
<b>ELC0180</b> <b>9-12</b> <b>½ credit</b>	<b><i>Psychology</i></b> This course will introduce students to the study of individual human behavior. Course content will include (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.
<b>ELC0150</b> <b>9-12</b> <b>½ credit</b>	<b><i>Public Speaking</i></b> This course will enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

## ***ADDITIONAL ELECTIVES***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ELC0120</b> <b>10-12</b> <b>½ credit</b>	<b><i>Roman Civilization</i></b> This course will provide a survey of the evolution of society from the early republic through the fall of Rome. Students will study the rise and fall of civilizations and empires, with an emphasis on the legacies they provide to successive societies.
<b>ELCM191</b> <b>ELCM192</b> <b>9-12</b> <b>½ credit</b>	<b><i>Resource Transition Course</i></b> This course is designed to help students practice and learn everyday skills to help them be more independent when they graduate high school. Students will be practicing money applications (budgets, expenses, savings and checking accounts). The students will also study life skills applications such as: health and hygiene, food safety, managing stress, completing applications for employment, as well as renting an apartment. This class is designed for those students identified as special needs in the area of reading and/or written language.
<b>ELC0210</b> <b>9-12</b> <b>½ credit</b>	<b><i>Science Fiction</i></b> In this course, students will study the history of science fiction through short stories, novels and movies. They will understand and recognize the difference in science fiction and science fantasy, and will analyze technology and scientific concepts by creating their own worlds. Students will determine the underlying assumptions and values within the selected works and examine the structure, techniques, and intentions of the genre being studied. Oral discussion is an integral part of this course, and written compositions may be required.
<b>ELC0220</b> <b>9-12</b> <b>½ credit</b>	<b><i>Sociology</i></b> Providing insight into the human dynamics of our diverse society, this is a course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structures, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.
<b>ELC0230</b> <b>11-12</b> <b>½ credit</b>	<b><i>STU 103 Mastering Skills for College Success</i></b> (Placement test NOT required) This is a Dual-Credit opportunity. This course is designed to enhance students' college readiness skills, including development of successful study habits, learning styles awareness, thinking skills, time management techniques, college resource utilization, listening skills, note-taking techniques, testing strategies, establishing appropriate study expectations and understanding instructor expectations.
<b>ELC0240</b> <b>11-12</b> <b>½ credit</b>	<b><i>Student Mentor</i></b> Students will work hand-in-hand with a Primary School, Intermediate School, or Middle School cooperative teacher. They will learn to perform classroom preparatory tasks, curriculum preparatory tasks, inter-school communication, intra-school communication, student assist tasks, student oversight tasks, whole group tutoring, and individual tutoring. Students will also learn basic teaching resources, concepts, practices, and terminology. <i>(Placement is approved by the receiving school's principal.)</i>
<b>ELC0250</b> <b>ELC0251</b> <b>12</b> <b>½ credit</b>	<b><i>Supervised Job Assignment</i></b> Students will work hand-in-hand with an employer from within the community to develop employment skills. Students must be timely, exhibit courtesy and respect, be groomed appropriately, receptive to assigned tasks, complete assignments satisfactorily, and complement the employer's business. <i>(Available for Seniors only, with administrator approval.)</i>

## ***ADDITIONAL ELECTIVES***

<b>Course # Grade Credit/Semester</b>	<b>Title/Description</b>
<b>ELC0260</b> <b>11-12</b> <b>½ credit</b>	<b><i>Teacher Assistant</i></b> Students will work hand-in-hand with a High School cooperative teacher. They will learn to perform classroom preparatory tasks, curriculum preparatory tasks, inter-school communication, intra-school communication, and student assist tasks. Students will also learn basic teaching resources, concepts, practices, and terminology. <i>(Must have teacher recommendation.)</i>
<b>ELC0280</b> <b>9-12</b> <b>½ credit</b>	<b><i>Yearbook</i></b> Students will learn how to design yearbook pages, sell ads, and write captions and copy in order to produce a comprehensive yearbook for KAHS. Topics to be covered include Teamwork, Marketing, Theme, Photography, Photojournalism, Design, copy (writing/editing), and Interviewing. <i>Pre-requisite: completed application and teacher recommendations (1 from English teacher)</i>
<b>ELC0281</b> <b>9-12</b> <b>½ credit</b>	<b><i>Yearbook - Advanced</i></b> This course will be a continuation of Yearbook and will consist of independent study, elaboration of design, interviews and photography, as well as book organization and advertisement. <i>Pre-requisite: completion of Yearbook and teacher recommendation.</i>
<b>ELC0270</b> <b>11-12</b> <b>½ credit</b>	<b><i>Office Assistant</i></b> This course will provide students with the opportunity to work in the school office, developing skills related to clerical office work. Duties may include typing, filing, record-keeping, receiving visitors, answering the telephone, and duplicating, among others. Emphasis will be placed on appropriate work attitudes, human relations, and proper office procedures.

# **MOHAVE COMMUNITY COLLEGE**

## ***Career Pathway Courses***

The following courses will be completed at the MCC Campus, and schedules will be available prior to the beginning of class. Tuition and textbooks for these classes will be paid for by KAOL. An appropriate score on the MCC entrance exam is required prior to students requesting to be enrolled in these classes. Students who receive failing grades in any of these courses and/or drop from the course before completion will be held responsible for reimbursement of fees for the course and textbooks (variable depending on the course cost, with an estimated range of \$264 to \$985).

Students will earn high school (CPTe) and college credits for these courses. High school credit will be determined by the number of MCC credit hours earned for each class.

<b>Course # Grade Credit</b>	<b>Title/Description</b>
<b>MCC-CNA115</b> <b>11-12</b> <b>1 credit</b>	<b><u>Nursing Assistant – NAP 115 (CNA Course) - 6 College Credit Program</u></b> This is a comprehensive course to provide students with knowledge, skills and attitudes necessary to perform in the role of nursing assistant or home health aide. Principles of human biological sciences, communications, nutrition and nursing science are incorporated throughout. Students will be able to provide personal care services and assistance with activities of daily living to patients within a clinical setting. Clinical practice is arranged with local health care agencies. There are physical examination requirements for students registered for this course. <i>(Prerequisites: Successful completion of Biology and Anatomy &amp; Physiology 1. Completion of Anatomy and Physiology 2 is strongly recommended.)</i>
<b>MCC-EMS125</b> <b>12 only</b> <b>1 credit</b>	<b><u>Emergency Medical Service EMS 125A - 8 College Credit Program</u></b> Introductory course for the student who aspires to become a Nationally Registered Emergency Medical Responder. Student learning will focus on initial assessment and patient stabilization, proper use of equipment such as automatic external defibrillators, as well as legal issues, scope of practice, documentation, communication, and ambulance protocols. This course is designed to meet all State and National requirements and follows the current National Standard curriculum and Arizona State Department of Health Services-EMS Division State Statutes to prepare in testing for EMR Level via the National Registry Written Examination. <b><u>Student must be 18 years of age at the completion of the program.</u></b> <i>(Prerequisites: Successful completion of, Biology, Anatomy &amp; Physiology 1, and Anatomy &amp; Physiology 2)</i>

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## **Career Pathway Courses (cont.)**

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b><u>PHLEBOTOMY</u></b>	
Course Sequence for the MCC Phlebotomy Program:	
<b>Fall Semester 1 11-12 ½ credit for 3-hour course</b>	<p><b><u>Medical Terminology HES113 (available online)</u></b> A study of basic medical terminology using a programmed learning and word-building system to master common medical terms. Emphasis is placed on spelling, definition, usage and pronunciation. Commonly used abbreviations will be used and practiced.</p> <p><b><u>Medical Law and Ethics MEA100 (available online)</u></b> Introduces students to the legal, moral, and ethical issues that rise within the medical community. Included is an overview of the law and ethics that relate to patient care as well as application and practice through the use of case studies and other simulated exercises.</p>
<b>Spring Semester 1 11-12 ½ credit for 3-hour course</b>	<p><b><u>Allied Health Anatomy &amp; Physiology HES-129</u></b> The basic concepts of anatomy and physiology of the human body are organized and presented by organ systems. Emphasis will be placed on vocabulary as well as the basic mechanisms of disease and pathology for each body system, as required in medical assisting and related professions. <i>(Prerequisite: Successful completion or concurrent enrollment in HES113)</i></p> <p><b><u>Pharmacology HES128 (available online)</u></b> Introduction of pharmacology to include common drug classifications, actions, uses, and side effects of pharmacological agents. Accurate calculation of dosage, and conversions, legal and safety considerations, as well as patient care implications will be emphasized.</p>
<b>Fall Semester 2 11-12 ½ credit for 3-hour course</b>	<p><b><u>Basic Phlebotomy Techniques MEA101</u></b> Studies of blood collection techniques including Vacutainer systems, syringe draws, butterfly draws, heel sticks, and capillary punctures. Basic knowledge and skills necessary for the safe and successful collection of blood specimens are discussed. Also includes other specimen collections for body fluids as well as the impact of drug testing. Prepares the student to write the national certification examination for Phlebotomists. <i>(Prerequisite: HES 113, HES129 or concurrent enrollment)</i></p> <p><b><u>Pathophysiology MEA205</u></b> The study of pathophysiology provides a foundation of essential information for the student to apply in various specialty areas. The student will learn to identify disease processes and disorders of all body systems. <i>(Prerequisite: successful completion of HES113 and HES129)</i></p>
<b>Spring Semester 2 11-12 ½ credit for 3-hour course</b>	<p><b><u>Phlebotomy Externship MEA102</u></b> Application of basic phlebotomy techniques in the clinical setting. This course provides the student the opportunity of practical experience in a health care setting. Student must complete 100 successful blood draws. <i>(Prerequisite: Successful completion of MEA101, must have passed within one prior calendar year)</i></p>

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## ***Career Pathway Courses (cont.)***

<b>Course # Grade Semester Credit</b>	<b>Title/Description</b>
<b><u>WELDING</u></b>	
Course Sequence for the MCC Welding Program:	
<b>Fall Semester 1</b> <b>11-12</b> <b>½ credit for</b> <b>3-hour course</b>	<p><b><u>Basic Safety in Welding and Construction WLD100</u></b>            This course introduces the student to safety practices and procedures needed to work safely in the welding and construction industry. It will include techniques for communicating both verbally and written; problem solving, and awareness and knowledge of work place issues such as sexual harassment, stress, and substance abuse.</p> <p><b><u>Math for Welders WLD114</u></b>            This course is a step-by-step approach to mastering essential math skills used in the welding profession.</p>
<b>Spring Semester 1</b> <b>11-12</b> <b>½ credit for</b> <b>3-hour course</b>	<p><b><u>Weld Fit-up, Inspection, and Metallurgy WLD105</u></b>            An introduction to Visual Inspection, Joint Fit-Up, Welding Symbols, and Metallurgy.</p> <p><b><u>Shielded Metal Arc Welding, Plate I, WLD125A</u></b>            This course introduces SMAW welding and equipment; arc welding stringer beads on fillets in all positions.</p>
<b>Fall Semester 2</b> <b>11-12</b> <b>½ credit for</b> <b>3-hour course</b>	<p><b><u>Shielded Metal Arc Welding, Plate II, WLD125B</u></b>            An introduction of SMAW welding of quality V-groove welds with backing strap in all positions.</p> <p><b><u>Cutting Processes and Welding Quality WLD102</u></b>            An introduction to Oxy-Fuel Cutting (OFC), Plasma Arc Cutting (PAC), and Carbon Arc Cutting (CAC).</p>
<b>Spring Semester 2</b> <b>11-12</b> <b>½ credit for</b> <b>3-hour course</b>	<p><b><u>Welding Print Reading WLD231</u></b>            This course provides students with the skills and knowledge to learn to read and understand drawings that are typically found in the welding and fabrication industry. There will be a strong emphasis on the interpretation and application of welding symbols.</p>