

2018-2019
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!!!

SCHEDULE

KAHS is a full-year, 8-period schedule. 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.

**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 and Beyond**

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. 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:

Technology Fee

Kindle - \$20.00

Science Classes - \$10.00 per class

*Dual Credit Biology 181 and 182 - \$15.00 ea.

Art Classes - \$10.00 per class

*AP Art Studio - \$20.00

Career and Technical Classes - \$5.00

Business Management

Keyboarding

Marketing

Life Skills - \$15.00

MCC Career Pathways: Variable by class, see page 21

*Additional Fees

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

Course # Grade Credit/semester	<i>Title/Description</i>
ENG0101 ENG0102 9 1 Credit	<p>English 1</p> <p>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>
ENG0121 ENG0122 9 1 Credit	<p>Honors English 1</p> <p>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>
ENG0201 ENG0202 10 1 Credit	<p>English 2</p> <p>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>
ENG0221 ENG0222 10 1 Credit	<p>Honors English 2</p> <p>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>
ENG0301 ENG0302 11 1 Credit	<p>English 3</p> <p>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>
ENGD353 ENGD354 11-12 ½ Credit ea.	<p>English 3/Dual Enrollment 101/236</p> <p>ENG 101 ENGLISH COMPOSITION 1</p> <p>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>ENG 236 AMERICAN LITERATURE 2</p> <p>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>

ENG0401 ENG0402 12 1 Credit	English 4 Using classical and contemporary literature selections centering on 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.
ENGD453 ENGD454 12 ½ Credit ea.	English 4/Dual Enrollment 102/233 ENG 102 ENGLISH COMPOSITION 2 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). ENG 233 ENGLISH LITERATURE 1 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>
ENGM101 ENGM102 9-12 1 Credit	Resource English 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.

MATHEMATICS

Course # Grade Credit/Semester	Title/Description
MAT0111 MAT0112 9 1 Credit	Algebra Foundations 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.
MATE121 MATE122 9-12 1 Credit	Algebra 1 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.
MATE221 MATE222 9-12 1 Credit	Geometry 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.

MATE321 MATE322 10 1 Credit	Algebra 2 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.
MATE341 MATE342 11-12 1 Credit	Financial Algebra/Money Management 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>
MATE421 MATE422 11-12 1 Credit	Trigonometry/PreCalculus 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. This course will be a teacher based accelerated course rather than self-paced. Imbedded in this course is preparation to be successful on the CLEP MAT 151 College Credit Exam which transferred as MAT 151 College Algebra college credit. <i>Prerequisite: successful completion of Algebra 2</i>
MAT0451 MAT0452 11-12 1 Credit	AP Calculus 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). This course will be a teacher based accelerated course rather than self-paced. <i>Prerequisite: successful completion of Advanced Trigonometry/PreCalculus</i>
MATM101 MATM102 9-12 1 Credit	Resource Math 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.

SCIENCE

Course # Grade Credit	<i>Title/Description</i>
SCI0121 SCI0122 9-12 1 Credit	Biology 1 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.

SCI0131 SCI0132 10-12 1 Credit	Biology 2 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: Successful completion of Biology 1</i>
SCID423 SCID424 10-12 1 Credit	Dual Enrollment Biology BIO181 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>
SCID433 SCID434 11-12 1 Credit	Dual Enrollment Biology BIO182 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>
SCI0321 SCI0322 10-12 1 Credit	Chemistry 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>
SCI0331 SCI0332 11-12 1 Credit	Physics 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>
SCI0221 SCI0222 10-12 1 Credit	Anatomy & Physiology 1 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>
SCI0231 SCI0232 11-12 1 Credit	Anatomy & Physiology 2 This course is a continuation of Anatomy & 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. Possible body systems to be covered are the cardiovascular, digestive, and reproductive, including units on pregnancy, growth, and development. <i>Prerequisite: Successful completion of Anatomy & 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>
SCI0123 SCI0124 9-12 1 Credit	Physical Science This course is designed so students think like scientists as they investigate the physical world. Students will use science and engineering practices to learn about motion, forces, energy of movement, work, and simple machines. Students will apply their knowledge to create a Rube Goldberg device at the end of the unit. The second semester will focus on matter, energy and particles, particle interactions, and chemical reactions. Students will construct models throughout the course to solidify understanding of key concepts.
SCI0141 SCI0142 10-12 1 Credit	Environmental Science 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.

SCIM101 SCIM102 9-12 1 Credit	Resource Science 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.
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SOCIAL STUDIES	
Course # Grade Credit/Semester	Title/Description
SSC0201 9 ½ Credit	World Geography 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).
SSC0221 SSC0222 10-12 1 Credit	World History 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.
SSC0321 SSC0322 11 1 Credit	U. S. History 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.
SSCD452 10-12 ½ Credit	Dual Enrollment History of the United States 1 (HIS 131) 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.
SSCD461 11-12 ½ credit	Dual Enrollment History of the United States 2 (HIS 132) The MCC course is a continuation of the survey of the United States history from the period of reconstruction to the present day.
SSC0421 12 ½ Credit	American Government 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.
SSC0422 12 ½ Credit	Economics 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.
SSCD471 12 ½ Credit	Dual Enrollment/American National Government (POS 120) 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.
SSCM101 SSCM102 9-12 1 Credit	Resource Social Studies 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

Course # Grade Semester/Credit	<i>Title/Description</i>
FLG0101 FLG0102 9-12 1 Credit	<i>Spanish 1</i> 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.
FLG0201 FLG0202 10-12 1 Credit	<i>Spanish 2</i> 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). <i>Prerequisite: successful completion of Spanish 1</i>
FLGD251 10-12 ½ Credit	<i>Dual Enrollment Spanish SPA 101</i> 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. <i>Prerequisite: successful completion of Spanish 1 with an A or B or completion of Spanish 2</i>
FLGD252 10-12 ½ Credit	<i>Dual Enrollment Spanish SPA 102</i> 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. <i>Prerequisite: successful completion of SPA101</i>
FLG0111 FLG0112 9-12 1 Credit	<i>Sign Language 1</i> 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.
FLG0211 FLG0212 10-12 1 Credit	<i>Sign Language 2</i> 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. <i>Prerequisite: Successful completion of Sign Language 1.</i>
FLG0311 10-12 ½ Credit	<i>Sign Language 3</i> 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>

FLGC401 FLGC402 10-12 1 Credit	Latin 1 (Online offering only) 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.
FLGC411 FLGC412 10-12 1 Credit	Latin 2 (Online offering only) 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.
FLGC421 FLGC422 10-12 1 Credit	Chinese 1 (Online offering only) 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

Course # Grade Semester/Credit	Title/Description
FIN0101 11 ½ Credit	Financial Literacy 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. <i>This is a required course for all graduates.</i>

PHYSICAL EDUCATION & HEALTH

Course # Grade Credit/Semester	Title/Description
PED0110 9 1 Credit	Physical Education 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.
PED0120 10-12 ½ Credit	Health This is a required course for graduation. 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.
PED0210 10-12 ½ Credit	Advanced PE/Fitness This course will emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. <i>Prerequisite: completion of Physical Education</i>

PED0220 10-12 ½ Credit	Advanced PE/Weights 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>
PEDM110 9-12 ½ Credit	Modified Physical Education This course will provide physical education activities (sports, fitness, and conditioning) adapted for students with special needs.

FINE/PERFORMING ARTS

Course # Grade Credit/Semester	<i>Title/Description</i>
ART0101 9-12 ½ Credit	Art 1 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.
ART0201 ART0202 ART0203 ART0204 10-12 ½ Credit ea. Prerequisite for Art 2: successful completion of Art 1	Art 2 – Painting 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). Art 2 – Drawing/Calligraphy 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. Art 2 – Sculpture 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). Art 2 – Animation A continuation of the topics in Art 1, Animation is both an introduction to the history and development of the field of animation and a hands-on creative exploration into this popular art form. We will explore this subject from various perspectives: by chronology, by form, by subject; and by personality, concentrating on the figures who have shaped the art form and continue to influence its continuing evolution. Students will demonstrate creative self-expression as they learn basic drawing skills, techniques for original character design, the natural flow and movement of objects, and background development which includes the study of perspective drawing and layout.
ART0301 10-12 ½ Credit	Art History/Art Appreciation 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.
ART0351 10-12 ½ Credit	Advanced Studio Art – 2-Dimensional 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.
ART0360 10-12 ½ Credit	3D Graphic Design 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.
DRA0101 9-12 ½ Credit	Drama 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.
MUS0101 9-12 ½ Credit	Music Appreciation/Pep Band 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

Course # Grade Credit/Semester	Title/Description
CTE0100 11-12 ½ Credit	Dual Enrollment: Introduction to Computer Information Systems (CIS 110) An introduction to hardware, software, data structures, information systems analysis and other topics regarding computer information systems. Content covers historical and contemporary topics with emphasis on database and spreadsheet packages for problem solving from a business perspective.
CTE0110 11-12 ½ Credit	Consumer Economics This course will provide students with an understanding of the concepts and principals 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. <i>Prerequisite: completion of Financial Literacy</i>
CTE0120 11-12 ½ Credit	Business Management 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.
CTE0125 10-12 ½ Credit	Marketing 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.
CTE0130 9-12 ½ Credit	Keyboarding 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.

CTE0140 9-12 ½ Credit	Life Skills 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.
CTE0150 10-12 ½ Credit	Medical Terminology 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.
CTE0170 10-12 ½ Credit	Robotics In this course, students are introduced to the field of Robotics and will stimulate their interests in science and engineering through the participation of the entire engineering design process. This course covers a variety of multidisciplinary topics necessary to understand the fundamentals of designing, building, and programming robots. During this course, students will be expected to gradually design and build a competitive robot using FIRST Tech Challenge rules and guidelines.
CTE0180 10-12 ½ Credit	Introduction to Engineering Design Intro to Engineering Design is appropriate for students who are interested in design and engineering. The main focus of this course is to expose students to the design process, research and analysis, teamwork, communication methods, and technical documentation. Students will have the opportunity to develop skill sets through activity, project, and problem-based learning.

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.)

Course # Grade Credit/Semester	Title/Description
ELC0100 9-12 ¼ Credit	TIGER 4.0 All students will be enrolled in this course during the 4 th period of the day, and they will earn ¼ credit each semester.
ELC0110 9-12 ½ Credit	Academic Decathlon 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.
ELC0130 9-12 ½ Credit	Creative Writing 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).
ELC0140 10-12 ½ Credit	Leadership 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.

ELC0160 9-12 ½ Credit	Nutrition 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.
ELC0180 9-12 ½ Credit	Psychology 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.
ELC0150 9-12 ½ Credit	Public Speaking 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.
ELCM191 ELCM192 9-12 ½ Credit	Resource Transition Course 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.
ELC0220 9-12 ½ Credit	Sociology 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.
ELC0230 11-12 ½ Credit	STU 103 Mastering Skills for College Success (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.
ELC0240 11-12 ½ Credit	Student Mentor 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>)
ELC0260 11-12 ½ Credit	Teacher Assistant 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>)
ELC0280 9-12 ½ Credit	Yearbook 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>

ELC0281 9-12 ½ Credit	Yearbook - Advanced 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>
ELC0270 11-12 ½ Credit	Office Assistant 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.

Course # Grade Credit	<i>Title/Description</i>
NAP115 11-12 1 Credit	<u>Nursing Assistant – NAP 115 (CNA Course) - 6 College Credit Program</u> 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 & Physiology 1. Completion of Anatomy and Physiology 2 is strongly recommended.)</i>
EMS125 12 only 1 Credit	<u>Emergency Medical Service EMS 125A - 8 College Credit Program</u> 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. <u>Student must be 18 years of age at the completion of the program.</u> <i>(Prerequisites: Successful completion of, Biology, Anatomy & Physiology 1, and Anatomy & Physiology 2)</i>

PHLEBOTOMY

Course Sequence for the MCC Phlebotomy Program:

HES113-Fall 11-12 ½ Credit for 3-hr Course	<u>Medical Terminology HES113 (available online)</u> 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.
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	<p><u>Medical Law and Ethics MEA100 (available online)</u> 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>
HES129-Spring 11-12 ½ Credit for 3-hr Course	<p><u>Allied Health Anatomy & Physiology HES129</u> 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><u>Pharmacology HES128 (available online)</u> 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>
MEA101-Fall 11-12 ½ Credit for 3-hr Course	<p><u>Basic Phlebotomy Techniques MEA101</u> 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><u>Pathophysiology MEA205</u> 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>
MEA102-Spring 11-12 ½ Credit for 3-hr Course	<p><u>Phlebotomy Externship MEA102</u> 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>

<u>WELDING</u>	
Course Sequence for the MCC Welding Program:	
WLD100-Fall 11-12 ½ Credit for 3-hr Course	<p><u>Basic Safety in Welding and Construction WLD100</u> 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><u>Math for Welders WLD114</u> This course is a step-by-step approach to mastering essential math skills used in the welding profession.</p>
WLD105/125A- Spring 11-12 ½ Credit for 3-hr Course	<p><u>Weld Fit-up, Inspection, and Metallurgy WLD105</u> An introduction to Visual Inspection, Joint Fit-Up, Welding Symbols, and Metallurgy.</p> <p><u>Shielded Metal Arc Welding, Plate I, WLD125A</u> This course introduces SMAW welding and equipment; arc welding stringer beads on fillets in all positions.</p>
WLD125B/102- Fall 11-12 ½ Credit for 3-hr Course	<p><u>Shielded Metal Arc Welding, Plate II, WLD125B</u> An introduction of SMAW welding of quality V-groove welds with backing strap in all positions.</p> <p><u>Cutting Processes and Welding Quality WLD102</u> An introduction to Oxy-Fuel Cutting (OFC), Plasma Arc Cutting (PAC), and Carbon Arc Cutting (CAC).</p>

WLD231-Spring 11-12 ½ Credit for 3-hr Course	<u>Welding Print Reading WLD231</u> 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.
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<u>CYBERSECURITY AND NETWORK SYSTEMS CERTIFICATE</u>	
Course Sequence for the MCC Cybersecurity and Network Systems Certificate Program: Certificate Requirements: Total Certificate Credits: 18	
CIS100/115-Fall 11-12 ½ Credit for 3-hr Course	<u>CIS110 - Introduction to Computer Information Systems Credits: (3)</u> <u>Done as a Dual Enrollment Course at high school in beginning of junior year.</u> An introduction to hardware, software, data structures, information systems analysis and other topics regarding computer information systems. Content covers historical and contemporary topics with emphasis on database and spreadsheet packages for problem solving from a business perspective. <u>CIS115 - A+ Computer Technology Hardware Credits: (3)</u> <i>Prepares students to maintain personal computers. Part of a two-course series that prepares students to take the CompTIA A+ certification exams. CIS 115 emphasizes the hardware area and can be taken concurrently with CIS 116.</i>
CIS116 -Spring 11-12 ½ Credit for 3-hr Course	<u>CIS116 - A+ Computer Technology Software Credits: (3)</u> Prepares students to maintain personal computers. Part of a two-course series that prepares students to take the CompTIA A+ certification exams. CIS 116 emphasizes the software area and can be taken concurrently with CIS 115
CIS253/153-Fall 11-12 ½ Credit for 3-hr Course	<u>CIS253 - Cybersecurity Administration Credits: (3)</u> Students will learn how cybersecurity procedures can be implemented to produce a secure organization. <u>CIS153 - Networking Essentials Credits: (3)</u> Provides the basic building blocks of networks and gives students experience in designing, implementing, and maintaining digital networks in a variety of scenarios.
CIS131/156- Spring 11-12 ½ Credit for 3-hr Course Select one	<u>CIS131 - Microsoft Office Credits: (3)</u> This course presents the fundamental skills of Word, Excel, Access, and PowerPoint. Provides students with exposure to applying the Microsoft Office components to real business situations, including the integration of the applications in order to solve business problems. <u>CIS156 - Network Security and Penetration Testing Credits: (3)</u> This course addresses how and why people attack computers and networks so that technicians can be armed with the knowledge and techniques to successfully combat hackers.