

2025-2026

Course Catalog



KOLA MIDDLE & HIGH SCHOOL

HOSTED AT SMPAC



Pathways to Success

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Kingman Online Learning Academy 6-12

Why Career and Technical Education?

Check out CTE pathways offered through [WAVE](#).

Expand Student Options

- Show how reading, math, and science are used in careers by relating academic subjects to the real world.
- Start college studies while in high school through dual enrollment with a community college.
- Add a new dimension to learning with “hands-on,” in addition to “eyes-on” activities—a more effective way of learning.

Enhance Success in School

- Career and Technical programs teach the Arizona Academic Standards needed to be successful on the state graduation exam while enhancing students’ enjoyment of school.
- Academic Standards may come easier when taught in a Career and Technical program.

Provide College Prep and Career Prep

- Career and Technical education blends rigorous academic content with technical skills in a hands-on setting so students find greater meaning and greater success in their studies.
- Career and Technical programs meet the entrance requirements of four-year colleges and universities while including the skills employers are looking for.

Challenge Students to Think

- Career and Technical students are challenged to apply theoretical knowledge—learned in academic and technical classrooms— to practical problems in laboratories or at worksites.
- This is a basic lifetime skill.

Test Career Interests Before College

- Career and Technical Education provides a career focus as insurance for success in post secondary education. Before students invest in college, they can test their interest in areas such as health care, culinary arts, information technology, technical drawing, hospitality, teaching, child care, agriculture, or business—just to mention a few.

Help Pay for College

- Technical skills focus on a specific career area help students obtain better, higher-paying jobs to meet the cost of college education.

Broaden Lifelong Work and Education Options

- Career and Technical programs prepare students for well-paying satisfying careers even in non-traditional fields.

Acquire Life Skills That Apply to Any Career

- Personal skills—such as self-confidence, self-awareness, good work habits, practical problem solving, punctuality, reliability, and teamwork—are essential in any career.
- Career and Technical programs instill the desire to learn because every student feels a sense of ac-

What Are Career Pathways?

Career paths are clusters of occupations that are combined together because many of the people in them share similar interests, abilities, and talents.

Selecting a career path provides you with an area of

FOCUS along with **FLEXIBILITY** and a **VARIETY** of careers to pursue.

Although people change jobs many times, they seldom change from one pathway to another.

Explore the Six Career Pathways

Arts/ Communications/ Humanities

Occupations in this career pathway are related to the creative, visual, craft and performing arts. These include architecture, graphic, interior and fashion design, writing, film, fine arts, journalism, languages, media, advertising, public relations, and music.

Engineering/ Industrial Systems

Occupations in this career pathway are related to the technology necessary to design, develop, install and maintain electrical, mechanical and structural systems. These include engineering, manufacturing, construction, and related technologies.

Social/ Human Services

Occupations in this career pathway are related to hospitality, personal and customer services, social services, legal services, and protective services. These include education, government, law and law enforcement, leisure and recreation, military, religion, childcare, social services and personal (beauty) services.

Business Systems

Occupations in this career pathway are related to business occupations, administration, management, marketing and sales. These include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics and management.

Health Services

Occupations in this career pathway are related to the diagnosis and treatment of diseases, disorders and injuries, laboratory technology and therapy. These include medical practice, research, laboratory technology, physical, occupational and speech therapies, disease prevention, alternative medicine, and veterinary science.

Natural Resources

Occupations in this career pathway are related to the natural sciences, agriculture and the environment. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

CTE...Where Skills & Passion Collide!

What is WAVE?

Western Arizona Vocational Education, a career and technical education (CTE) district, provides career preparation programs to high school students to help them be ready for life after high school, whether it be work or other post-secondary options.

WAVE offers:

- Partnerships with local high school CTE programs.
- Payment of tuition and fees for high school students to attend CTE programs at local community colleges.

Jump Start Your Career!

Prepare For Your Future Today!

Contact your guidance office or career center at your school for more information!

Application Forms are available in the Guidance Office or Career Center for the following programs:

- Administration of Justice
- Business: Bookkeeping, Business & Entrepreneurship, Retail Management
- Computer Programs: Graphics/Web Design, Cybersecurity/Network Support, Professional Applications, Programming/Game Design
- Education
- Electrical Technology
- Fire Science
- Heating, Ventilation & Air Conditioning (HVAC) Medical: EMT, Insurance Coding, Medical Assisting, Nursing Assistant (CNA), Phlebotomy
- Welding

www.wavejted.org

What is SMPAC?

The KOLA pathway provides students the opportunity for students to participate in an alternative learning path via Edgenuity. Edgenuity is the online platform that provides a box curriculum through which students navigate to complete high school or middle school courses. Students meet with a mentor teacher to review their progress in the platform at a minimum of once per week. Students may attend campus for academic help as needed.

The PASS pathway provides students the opportunity to work through an alternative learning pathway by completing teacher created assignments that are aligned to the Arizona state standards. Students complete their work and submit it through the student information system. Students meet with a mentor teacher once per week to discuss their progress towards their individualized graduation goal date. Students may attend campus for academic help as needed.

Annual Public Notification of Nondiscrimination

Kingman Unified School District #20 (KUSD #20) does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. The KUSD #20 Career and Technical Education Department does not discriminate in enrollment or access to any of the programs available (Agriculture, Allied Health, Automotive, Business, Carpentry, CIS, Culinary, Engineering/Drafting, Early Childhood Education, Fire Science, Nursing, Law Enforcement, Photography, Tech Theater and Welding). The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. KUSD #20 also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the compliance coordinators listed at bottom.

Notificación Pública Annual de No Discriminación (Spanish Version)

Kingman Unified School District #20 (KUSD #20) no discrimina raza, color, nacionalidad, género, edad, o incapacidad de admisión a sus programas, servicios, o actividades, en acceso a ellas, en el tratamiento a individuos, o en ningún aspecto de sus operaciones. El departamento de Educación Técnica y de Carreras de Kingman Unified School District #20 (KUSD #20) no discrimina en su matriculación o en el acceso a cualquier de sus programas disponibles (Agriculture, Allied Health, Automotive, Business, Carpentry, CIS, Culinary, Engineering/Drafting, Early Childhood Education, Fire Science, Nursing, Law Enforcement, Photography, Tech Theater and Welding). La falta de habilidades

inglesas para idiomas de hablar no será una barrera a la admisión ni la participación en las actividades del distrito y programas. El Kingman Unified School District #20 (KUSD #20) tampoco discrimina en sus contratos o practicas de empleados.

Esta noticia es provista y requerida por el Título VI del Acto de Derechos Civiles de 1964, Sección 504 del Acto de Rehabilitación de 1973, Título IX de la Enmienda Educativa de 1972, en el Acto de Era de Discriminación de 1975, y el Acto de los Estadounidenses con Habilidades Diferenciadas de 1990. Preguntas, quejas, o para más información con respecto a estas leyes pueden remitir por al coordinador de compliance.

Title II/IX Compliance Coordinator

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***Note: All materials can be translated upon request. Please contact the site administration office to obtain this service.*

Get Involved and Stay in School!

Kingman Online Learning Academy , in collaboration with different local agencies, offers many presentations of varying topics in which students are encouraged to participate. Students are able to come to campus and engage with presenters to further their education. The topics include but are not limited to: post high school educational opportunities, job skills, self-improvement, self-awareness, etc. Students are able to connect with each other and with their physical campus through these opportunities.

Contact Information

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Course catalogs will be posted online at:

<https://khs.kusd.org>
<https://www.waveCTED.org>

KOLA Courses

English

ENGK 101/102: English 1 A/B

This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, and Richard Connell's "The Most Dangerous Game." They will study also short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 130: Creative Writing

For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 201/202: English 2 A/B

This sophomore-year English course invites students to explore a diverse selection of world literature organized into thematic units. While critically reading fiction, poetry, drama, and expository nonfiction, students learn essential reading comprehension strategies and engage in literary analysis and evaluation of both classic and contemporary works. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their listening and speaking skills and produce clear, coherent writing. Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's *A Doll's House*, George Orwell's *Animal Farm*, and Marjane Satrapi's *Persepolis*. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Niccolò Machiavelli's *The Prince*, and the contemporary informational text *Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science*.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 301/302: English 3 A/B

This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. The literature featured represents diverse voices and experiences. Students will read a range of short but complex texts, including works by Ralph Waldo Emerson, Michio Kaku, Emily Dickinson, Sojourner Truth, Nathaniel Hawthorne, Judith Ortiz Cofer, Mark Twain, Langston Hughes, Frederick Douglass, Martin Luther King, Jr., Naomi Shihab Nye, Amy Tan, and F. Scott Fitzgerald.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 366: Gothic Literature

It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl... Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic Literature has retained its appeal even with today's audiences.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 367: Mythology & Folklore

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGK 401/402: English 4 A/B

This senior-year English Language Arts course invites you to explore a diverse collection of texts organized into thematic units. You will engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, you will learn comprehension and literary-analysis strategies. Tasks will encourage you to strengthen your oral language skills and produce creative, coherent writing. You will read a range of classic texts including the ancient epic Gilgamesh, William Shakespeare's Hamlet, and Oscar Wilde's The Importance of Being Earnest. You will study short but complex texts, including essays by Jonathan Swift and Mary Wollstonecraft, and influential speeches by Queen Elizabeth I and Franklin D. Roosevelt. Contemporary texts by Seamus Heaney, Derek Walcott, and Chinua Achebe round out the course.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGMK6 A/B: Language Arts 6 A/B

Reading (grade 6) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes.

Grade Level

6

ENGMK7 A/B: Language Arts 7 A/B

Reading (grade 7) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes.

Grade Level

7

ENGMK8 A/B: Language Arts 8 A/B

Reading (grade 8) courses build upon students' prior knowledge and skill in reading. Typically, these courses use various genres of literature to improve reading skills, and link exercises for different purposes to those reading selections.

Grade Level

8

Math**MATK 111/112: Integrated Math 1 A/B**

This course formalizes and extends middle-school mathematics, deepening students' understanding of linear relationships. The course begins with a review of relationships between quantities, building from unit conversion to a study of expressions, equations, and inequalities. Students contrast linear and exponential relationships, including a study of sequences, as well as applications such as growth and decay. Students review one-, two-, and multi-step equations, formally reasoning about each step using properties of equality. Students extend this reasoning to systems of linear equations. Students use descriptive statistics to analyze data before turning their attention to transformations and congruency theorems. Equations and figures in the coordinate plane assist in connecting Algebra and Geometry through coordinates. The structure and content of this course naturally guides students to experience mathematics as a rational, beneficial subject which challenges students to critically think through problem situations.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 121/122: Algebra 1 A/B

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions, and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students learn how they can use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 124/125: Algebra 2 A/B

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. Students begin with a review of linear and quadratic functions, to solidify a foundation for learning these new functions. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies between the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Process standards are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 126/127: Geometry A/B

Based on plane Euclidean geometry, this rigorous full-year course addresses the critical areas of: congruence, proof, and constructions; similarity and trigonometry; circles; three-dimensional figures; and probability of compound events. Transformations and deductive reasoning are common threads throughout the course. Students build on their conceptual understanding of rigid transformations established in middle school as they formally define each and then, use them to prove theorems about lines, angles, and triangle congruency. Rigid transformations are also used to establish relationships between two-dimensional and three-dimensional figures. Students use their knowledge of proportional reasoning and dilations to develop a formal definition for similarity of figures. They apply their understanding of similarity to defining trigonometric ratios and radian measure. Students also make algebraic connections as they use coordinate algebra to verify properties of figures in the coordinate plane and write equations of parabolas and circles. Throughout the course, students investigate properties of figures, make conjectures, and prove theorems. Students demonstrate their reasoning by completing proofs in a variety of formats. The standards of mathematical practice are embedded throughout the course as students apply geometric concepts in modeling situations, make sense of problem situations, solve novel problems, reason abstractly, and think critically.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 128/129: Pre Calculus A/B

Designed to follow Algebra II, this rigorous full-year course builds upon students understanding of various aspects of functions: graphing, composition, inverses, modeling, systems, and inequalities. Students expand their knowledge of trigonometric functions to include graphs of reciprocal functions, and they apply trigonometry to a variety of real-world problems. Students prove trigonometric identities and use them to solve equations. Throughout the course students make connections between geometry and algebra as they: use graphs to solve polynomial, rational, exponential, and logarithmic inequalities; perform operations with complex numbers and vectors; use coordinate algebra to derive equations of ellipses and hyperbolas; and find limits of functions. The standards of mathematical practice are embedded throughout the course as students apply mathematical concepts in modeling situations, make sense of problem situations, solve novel problems, reason abstractly, and think critically.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 132/133: Financial Mathematics A/B

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATK 211/212: Integrated Math 2 A/B

This course begins by focusing on the extension of the number system. Students evaluate functions, touch on exponential functions, and explore the operations of polynomials. Next, nonlinear functions are covered before students complete a unit on factoring polynomials using various methods. The course continues with quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from previous courses. As quadratic equations become more multifaceted, real and complex numbers are introduced to extend the set of rational numbers which can be used to solve quadratic equations. Students also explore the link between probability and data through conditional probability, two-way tables, and counting methods. Finally, this course challenges students to make connections between algebra and geometry as they study similarity, right triangle trigonometry and proofs, as well as circles with and without coordinates. Students are able to use coordinates to prove simple geometric theorems algebraically as well as analyze two and three-dimensional figures. The content within this course allows students to practice problem solving and critical thinking as they attempt real-world scenario math problems.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

10, 11, 12

MATK 311/312: Integrated Math 3 A/B

This course synthesizes previous mathematical learning in four focused areas of instruction. First, students relate visual displays and summary statistics to various types of data and to probability distributions with a focus on drawing conclusions from the data. Then, students embark on an in-depth study of polynomial, rational, and radical functions, drawing on concepts of integers and number properties to understand polynomial operations and the combination of functions through operations. This section of instruction builds to the Fundamental Theorem of Algebra. Students then expand the study of right-triangle trigonometry they began in Mathematics II to include non-right triangles, developing the Laws of Sines and Cosines. Finally, students model an array of real-world situations with all the types of functions they have studied, including work with logarithms to solve exponential equations. As they synthesize and generalize what they have learned about a variety of function families, students appreciate the usefulness and relevance of mathematics in the real world.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

11, 12

MATMK06 A/B: Math 6 A/B

Mathematics (grade 6) courses typically emphasize skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability.

Grade Level

6

MATMK7 A/B: Math 7 A/B

Mathematics (grade 7) courses typically emphasize proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability.

Grade Level

7

MATMK8 A/B: Math 8 A/B

Mathematics (grade 8) courses typically emphasize proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability.

Grade Level

8

Science

SCIK 251/252: Environmental Science A/B

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many different aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIK 255/256: Biology A/B

This compelling full-year course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. It encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIK 257/258: Chemistry A/B

This rigorous full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes 18 virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIK 259/260: Physics

This full-year course focuses on traditional concepts in physics, and encourages exploration of new discoveries in this field of science. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of motion, energy, electricity, magnetism, and the laws that govern the physical universe. As students refine and expand their understanding of physics, they will apply their knowledge in experiments that require them to ask questions and create hypotheses. Throughout the course, students solve problems, reason abstractly, and learn to think critically.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIK 321/322: Earth/Space Science A/B

Students enrolled in this rigorous course will expand on the knowledge and skills developed in middle school to explain more indepth phenomena central to the earth and space sciences and to their daily lives. Students will gain an understanding of the universe and explore other topics such as Earth's history, structure, weather, biosphere, hydrosphere, atmosphere, resources, and the impact humans have on Earth's resources. The course includes interactive real-world examples throughout the lessons and application projects, as well as interactive lab simulations and in-school, hands-on lab options. Earth and Space Science is a two-semester course that will provide a solid foundation for understanding the physical characteristics that make the planet Earth unique and will examine how these characteristics differ among the planets of our solar system.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIK 341/342: Anatomy & Physiology A & B

Thinking about a career in health, but not sure where to start? You're in the right place! Anatomy and physiology is the study of the body structures and how they function. From the tiniest molecule to the largest organ, a fascinating journey occurs. In this course, you will explore the organization of the human body, including the integumentary, skeletal, muscular, nervous, and endocrine systems and their common conditions. You will also learn to speak the language of medicine and how to apply laboratory skills. And along the way, you'll discover the many exciting career paths available to you – anatomy and physiology is the perfect place to get started!

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIMK6 A/B: Science 6 A/B

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

6

SCIMK7 A/B: Science 7 A/B

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

7

SCIMK8 A/B: Science 8 A/B

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

8

Social Studies**SSCK 105: Economics**

This semester-long course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSCK 108/109: US History A/B

This course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history. In early units, students will assess the foundations of U.S. democracy while examining crucial documents. In later units, students will examine the effects of territorial expansion, the Civil War, and the rise of industrialization as they assess the outcomes of economic trends and the connections between culture and government. As the course draws to a close, students will focus their studies on the causes of cultural and political change in the modern age. Throughout the course, students will learn the importance of cultural diversity while examining history from different perspectives.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSCK 110/111: World History A/B

This year-long course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. At the end of the course, students conduct a rigorous study of modern history, allowing them to draw connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Throughout the course, students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSCK 450: Civics

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

11, 12

SSMK6 A/B: Social Studies 6 A/B

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines.

Grade Level

6

SSMK 701/702: Social Studies 7 A/B

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics.

Grade Level

7

SSMK 801/802: Social Studies 8 A/B

Social Studies (grade 8) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Typically, these courses focus on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills.

Grade Level

8

Career and Technical Education**AGRK 203: Intro to Agriculture, Food and Natural Resources**

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, "green" technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0001: Animal Systems

Animal Systems is a semester-long high school course that provides students with a wealth of information on livestock management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns.

The course reviews current topics, such as advancements in technology and research, and defines areas of discussion while maintaining focus on best-management practices. A student might use the knowledge gained from the course to further an interest in becoming a chef, researcher, doctor, wildlife-management professional, or any number of applicable careers.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0002: Intro to Careers in the Health Sciences

This semester-long course is an overview of health careers and overriding principles central to all health professions. The course provides a foundation for further study in the field of health science.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0003: Plant Systems

Plant Systems is a semester-length high school course that introduces students to the basics of plant biology, soil science, agriculture, and horticulture, along with the environmental management practices involved in each, including integrated pest management, biotechnology, growth techniques, and crop management. Students learn the basic parts of a plant, how plants are scientifically classified, and how they interact with water, air, nutrients, and light to undergo the processes of photosynthesis and respiration. Plant reproduction, including pollination, germination, and dispersal of seeds, is also presented. The course concludes by looking at careers in the plant sciences which includes agronomy, horticulture, or landscape design.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0005/0006: Introduction to Business A/B

In this two-semester introductory course, students will learn the principles of business using real-world examples—learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

10, 11, 12

CTEK 0007: Introduction to Careers in Finance

Introduction to Careers in Finance is a semester-long course that provides the fundamentals of the financial services industry in the United States and explores the jobs and career opportunities that the industry offers. Course units address a broad set of services in the industry including finance overview, financial services, securities analysis, investments, principles of corporate finance, banking services, risk management, and insurance.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0008: Science and Mathematics in the Real World

Science and Mathematics in the Real World is a semester-long high school course where students focus on how to apply scientific and mathematical concepts to the development of plans, processes, and projects that address real world problems, including sustainability and "green" technologies. This course also highlights how science, mathematics, and the applications of STEM will be impacted due to the development of a greener economy. This course exposes students to a wide variety of STEM applications and to real world problems from the natural sciences, technology fields, the world of sports, and emphasizes the diversity of STEM career paths. The importance of math, critical thinking, and mastering scientific and technological skill sets is highlighted throughout. Challenging and enjoyable activities provide multiple opportunities to develop critical thinking skills and the application of the scientific method, and to work on real world problems using STEM approaches.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0009: Introduction to Careers in Education

Introduction to Careers in Education and Training is a semester-long course that introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services. They also explore the education and background experience needed to succeed in these careers. Students learn about the evolution of the modern educational system in the United States, and the policies and laws that govern educational institutions. They also discover the similarities and differences between the ethical and legal obligations of working with adults versus working with children.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0010: Introduction to Careers in Architecture and Construction

The goal of this semester-long high school course is to provide students with an overview of careers in architecture and construction in order to assist with informed career decisions. This dynamic, rapidly evolving career cluster is comprised of three pathways (fields): Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair). The Architecture and Construction career cluster is defined as careers in building, designing, managing, maintaining, and planning the built environment. The built environment encompasses all zones of human activity—from natural conservation areas with minimal human intervention to highly dense areas with tall skyscrapers and intricate highway systems to suburban cul-de-sacs. The interrelated components that make up the built environment are as varied and unique as the professionals who help shape it.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0011: Construction Careers

Construction Careers is a semester-long course that introduces high school students to the basics of construction, building systems, engineering principles, urban planning, and sustainability. Students learn the key techniques in building all types of buildings, as well as the key individuals involved in each step of the process. Many lessons present information on green building techniques and concepts that are becoming a standard part of the construction industry. Safety practices are emphasized in several lessons because construction is one of the most dangerous industries; students learn that there is no way to be successful in construction without taking such issues seriously. Lessons in this course also explore regulatory agencies and guidelines established for protecting not only construction workers but also the occupants of a building.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0012: Intro to Consumer Services

In this semester-long course, students analyze various career paths in terms of employment opportunities and educational requirements, such as hard and soft skills, certifications, and licensures for different pathways. Developing research, analytical, and presentations skills are key components. This course is designed as an overview to prepare students for a consumer services-related career and to introduce them to specialty areas. Emphasis is placed on the human services aspect (vs. corporate concerns) of consumer services. Social issues and advocacy, as well as ethics and legalities, are a recurring theme. Students gain knowledge of current issues affecting various consumer services professions, and the impact of local, state, national and global issues on consumer services.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0013: Family and Community Services

Family and Community Services is a high school semester-long course that introduces applications within professions related to family and community services. Students identify degree and credential requirements for occupations in this pathway and identify individual, social, historical, economic, and cultural context to increase awareness of family and community services. Students develop the abilities necessary to evaluate and identify a range of effective communication strategies and skills for establishing a collaborative relationship with others. Students also complete a variety of projects to apply their skills and knowledge. Units are divided among career fields: Social Workers, Emergency Management and Planners, Therapists and Treatment Specialists, Education and Childcare.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0014: Food Safety and Sanitation

This comprehensive semester-long course covers the principles and practices of food safety and sanitation that are essential in the hospitality industry for the protection and well-being of staff, guests and customers. The course provides a systems approach to sanitation risk management and the prevention of food contamination by emphasizing the key components of the Hazard Analysis Critical Control Point (HACCP) food safety system. After successful completion of this course, students are prepared to meet the requirements of state and national certification exams.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0015: Transportation and Tours for the Traveler

Transportation and Tours for the Traveler is a semester-long course where students learn about today's package tour industry, travel industry professionals, and package tour customers. Students find out who tour operators must work with to create travel products and what kinds of decisions they must make in terms of meals, lodging, attractions, and, of course, transportation. Finally, students learn about how technology, world events, and increased environmental awareness are affecting the travel industry today. Students focus on the different components that go into creating a tour to get a sense of what working for a tour operator entails as well as what other careers are available in the tour industry.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

CTEK 0016: Sustainable Service Management for Hospitality & Tourism

This comprehensive semester-long course covers the principles and practices of sustainable service management. The purpose of this course is to provide students with an understanding of socially, environmentally, and financially sustainable hospitality management. The course provides a sustainable approach to service management, incorporating the role of the customer, employee, leaders, and the environment. After successful completion of this course, students understand and are able to explain the fundamentals of sustainability in the hospitality industry.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSK 100/101: Career Explorations A/B

This full-year course prepares middle and high school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skills demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of each student's skills and interests.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

12

MEDK 0241/0242: Medical Foundations A/B

This semester-long course introduces students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to healthcare settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course will provide students entering the healthcare 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, and practice assignments.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Electives

PEDMK600: Physical Education 6

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level

6

PEDMK700: Physical Education 7

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level

7

PEDMK800: Physical Education 8

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level
8

XPMK680: Online Learning and Digital Citizenship

In this one-semester course, students develop essential study skills for academic success, such as staying organized, managing time, taking notes, applying reading strategies, writing strong papers, and researching and properly citing information. Explicit modeling and ample practice are provided for each study skill to support student mastery. Instruction on how to be a responsible online learner is threaded throughout the course, and these skills are directly addressed in lessons on cyberbullying, staying safe online, and learning how to be a digital leader. A basic understanding of software and hardware and how to troubleshoot common technology issues are also taught. By the end of the course, students will have the tools they need to be academically successful in both traditional and digital learning environments

Grade Level
6, 7, 8

Fine Arts

ARHK 001/002: Art History A/B

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, Art History I offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this full-year course will cover topics including early Medieval and Romanesque art through modern art in Europe and the Americas.

Credits 1.0 (0.5 Credits Per Semester)
Grade Level
9, 10, 11, 12

Electives

HLTK 201/202: Physical Education A/B

Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Throughout this one-semester course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

Credits 1.0 (0.5 Credits Per Semester)
Grade Level
9, 10, 11, 12

MISK 101: Strategies for Academic Success

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

Credits 0.5 (0.5 Credits Per Semester)
Grade Level
9, 10, 11, 12

Foreign Language

LANK 003/004: Spanish 2 A/B

Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. The course exemplifies a marriage of the best in language learning pedagogy and online learning. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

LANK 101/102: Spanish 1 A/B

Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters and represents an ideal blend of language learning pedagogy and online learning. Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

LANK 403/404: American Sign Language 2 A/B

It's time to move beyond introductory ASL signs and start forming more compelling signs for communication. Explore how expressions can enhance signs and lend dimension to conversations, while learning vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Ready to dive deeper into learning about the Deaf community, culture, and language? Learn about sequencing, transitions, role-shifts, and future tenses. Discover how to tell a story and ask questions, benefiting with greater exposure to deaf culture. Speed, conversations, signing skills, and cultural awareness are characteristics of this course.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

PASS Courses

English

ENG 0911/0912: R English 1 A/B

The course meets the Arizona state standards for freshmen English, focusing on grammar and the writing of persuasive and expository essays with individual modifications being made in accordance to needs found in IEPs. Students will practice critical thinking skills while exploring a variety of short stories, non-fiction texts, poetry, and approved novels in which they are taught literary elements and figurative language.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENG 0921/0922: R English 2 A/B

As directed through the current Arizona Department of Education's state standards, students review the fundamentals of grammar, write a variety of essays and focus on improving their communicative skills using the standard conventions of written English with individual modifications being made in accordance to needs found in IEPs. . Additionally, students become familiar with the common elements of literature while developing career and college ready vocabulary. In this sophomore level class, students will experience district-approved novels, as well as a variety of short stories, non-fiction texts, essays, and poetry selections.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENG 0931/0932: R English 3 A/B

The current Arizona State Standards are reflected in this level 3 curriculum which provides students the opportunity to explore district-approved novels, short stories, non-fiction text, essays, and poetry with individual modifications being made in accordance to needs found in IEPs. Through critical thinking, evaluation, analysis, and synthesis, students will explore the literary merits of each piece of text.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENG 0941/0942: R English 4 A/B

This course includes a curriculum directed by the current Arizona State Standards with a focus on college and career readiness writing i.e. applications; resumes; essays with individual modifications being made in accordance to needs found in IEPs. Students will also study and analyze various literary and informational text. This course is designed to explore practical applications of English skills that include presentations and a "career path research paper."

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGA 101/102: English 1 A/B

The course meets the Arizona state standards for freshmen English, focusing on grammar and the writing of persuasive and expository essays. Students will practice critical thinking skills while exploring a variety of short stories, non-fiction texts, poetry, and approved novels in which they are taught literary elements and figurative language.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGA 201/202: English 2 A/B

As directed through the current Arizona Department of Education's state standards, students review the fundamentals of grammar, write a variety of essays and focus on improving their communicative skills using the standard conventions of written English. Additionally, students become familiar with the common elements of literature while developing career and college ready vocabulary. In this sophomore level class, students will experience district-approved novels, as well as a variety of short stories, non-fiction texts, essays, and poetry selections.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGA 301/302: English 3 A/B

The current Arizona State Standards are reflected in this level 3 curriculum which provides students the opportunity to explore district-approved novels, short stories, non-fiction text, essays, and poetry. Through critical thinking, evaluation, analysis, and synthesis, students will explore the literary merits of each piece of text.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ENGA 401/402: English 4 A/B

This course includes a curriculum directed by the current Arizona State Standards with a focus on college and career readiness writing i.e. applications; resumes; essays. Students will also study and analyze various literary and informational text. This course is designed to explore practical applications of English skills that include presentations and a "career path research paper."

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Math**MAT 0911/0912: R Integrated Math 1A/1B**

This is the first course in the three year Integrated Math series. The program focuses on combining Algebra and Geometry concepts in order to help students develop an understanding of how these concepts are implemented in the real world. This class is an introductory level. The concepts students will learn are solving equations, order of operations, graphing and reviewing basic geometric figures and concepts. This counts as the Algebra 1 credit required for graduation.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MAT 0921/0922: R Integrated Math 2A/2B

This is the second course in the three year Integrated Math series. The program focuses on combining Algebra and Geometry concepts in order to help students develop an understanding of how these concepts are implemented in the real world. This level is about developing and growing topics from year one. Integrated 2 solidifies equations and graphing while introducing trigonometry, transformations and congruent triangles. This counts as the Geometry credit required for graduation.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

10, 11, 12

MAT 0931/0932: R Integrated Math 3A/3B

This is the third course in the three year Integrated Math series. The program focuses on combining Algebra and Geometry concepts in order to help students develop an understanding of how these concepts are implemented in the real world. This level is about refining students' understanding and implementations of the mathematical concepts. Integrated 3 focuses on systems of equations, triangle proofs, polynomials and quadratics, while reviewing equations, exponents, graphing, and geometry concepts. This counts as the Algebra 2 credit required for graduation.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

11, 12

MAT 971/972: R Personal Finance A/B

This class is a real life approach to understanding your money. This course uses a lot of projects to help you make sense of the topics in your own way. Personal Finance A covers spending, saving, credit, searching for a job, net pay and making a career portfolio. Personal Finance B includes taxes, insurance, retirement, cars, houses and budgeting.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

11, 12

MATA 121/122: Algebra 1 A/B

This course introduces many of the high school concepts of number sense, algebra, functions, patterns, data analysis, and probability.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

MATA 221/222: Algebra 2 A/B

This course continues in the study of number sense, algebra, functions, patterns, data analysis, and probability. Applications of the basic skills of algebra are made to prepare for higher levels of mathematics.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Prerequisites

[MATA 121/122: Algebra 1 A/B](#)

MATA 231/232: Geometry A/B

This course investigates many of the high school concepts of geometry, logic, and reasoning.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Prerequisites

[MATA 121/122: Algebra 1 A/B](#)

[MATA 221/222: Algebra 2 A/B](#)

MAT 122

OR

MAT 222

MATA 361/362: Personal Finance A/B

This class is a real life approach to understanding your money. This course uses a lot of projects to help you make sense of the topics in your own way. Personal Finance A covers spending, saving, credit, searching for a job, net pay and making a career portfolio. Personal Finance B includes taxes, insurance, retirement, cars, houses and budgeting.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

11, 12

Science**SCI 0911/0912: R Integrated Science A/B**

Integrated Science is the entry level science course for high school science. It provides the conceptual foundation for further high school science curriculum. Students receive instruction and practice in developing and refining scientific skills and methods that are prerequisites for success. Topics included in this class are scientific processes, the nature and history of science, basic earth science, basic physics, and basic chemistry. Students will focus on fundamentals, data recording, and communication in all areas. Instruction and pacing will be differentiated to meet the needs of the students.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCI 0931/0932: R Biology A/B

Introduction to biological principles, cellular function, biochemistry, nucleic acid functions, genetics and genetic engineering. The kingdom and domains of life, including viruses, bio-history and evolution, and ecology and relationships among the species.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIA 131/132: Biology A/B

Introduction to biological principles, cellular function, biochemistry, nucleic acid functions, genetics and genetic engineering. The kingdom and domains of life, including viruses, bio-history and evolution, and ecology and relationships among the species.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SCIA 221/222: Earth Science A/B

Study of the relationships between the Earth's land masses, oceans, and atmosphere, interactions between the Earth's structures, atmosphere, and geologic cycles. Study of the origin and evolution of the Universe including: energy flow time scale, minerals and rocks, Earth's interior composition, and plate tectonics.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Prerequisites

[SCIA 131/132: Biology A/B](#)

SCIA 251/252: Environmental Science A/B

This class explores the various aspects of our world biomes and its complexities as they relate to the way we use these biomes. The book will challenge your thought process about the complex issues facing our environment. You will explore different points of view and be exposed to a variety of differing opinions.

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Social Studies**SSC 0921/0922: R World History/Geography A/B**

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSC 0931/0932: R US History A/B

Credits 1.0 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSC 0950: R Civics**Credits** 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

SSC 0960: R Economics**Credits** 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

SSCA 201/202: World History/Geography A/B

Students will analyze the human experience through time to recognize the relationships of events and people and to interpret significant patterns, themes, ideas, beliefs, and turning points in world history. The first semester covers history up to the age of exploration and colonization and focuses heavily on the development of civilizations that established the foundations for the modern historical era beginning around the 16th century. The second semester covers history from the era of Absolute monarchs in Europe to the present and focuses heavily on political, economic, and social developments that have shaped the world we live in today. There will also be a large focus on geography, especially where it is a significant factor in the shaping of historical events. The content of this course requires an emphasis on reading, writing, and critical thinking skills, which will be developed throughout the semester.

Credits 1.0 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

SSCA 321/322: US History A/B

This course is a one year course. The first semester covers early American history from pre-Columbian America through the 1920's. There will be an emphasis on the period from the Industrial Revolution forward. In addition, this course will include Arizona history and basic economic concepts. The second semester covers the period from the Great Depression through current events. This is a required course for graduation

Credits 1.0 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

SSCA 450: Civics

The history and heritage of the government and Constitution of the United States. The roles of the three branches of federal government, and state and local governments; as well as economics. This is a required course for graduation. 1 semester only.

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

SSCA 460: Economics

This course is an overview of the foundations of economics and will focus on different approaches to the study of economics: microeconomics, macroeconomics, global economics, and personal finance. Current issues and public policies will be analyzed to gain a better understanding of the complex relationships among economics, politics, and culture. 1 semester only.

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

11, 12

Career and Technical Education**BUS 0120: Microsoft Office 1**

This class is a business course that includes concepts involved in the use of Microsoft Word, Excel, and PowerPoint. Completion of this course earns 0.5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

FCSA 100: Career Choices

This class is a personal development and career readiness course. You will work with both PASS and AZ@Work teachers and materials to complete the requirements for a .5 elective credit and a possible AZ Career Readiness Credential.

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

FCSA 115: Guys, Gals, Kids

This class covers sexual anatomy, STDs, conception, birth control, homosexuality, rape and substance abuse. This class is .5 of an elective credit.

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

FCSA 150: Jr HERO 1

This course covers basic knowledge necessary for gaining and maintaining employment. Topics include job search skills, work ethic, meeting employer expectations, workplace safety, and human relations. Upon completion, students should be able to successfully make the transition from school to work. Course earns .5 elective credit

Credits 0.5 (0.5 Credits Per Semester)**Grade Level**

9, 10, 11, 12

FCSA 155: Jr HERO 2

This course covers basic knowledge necessary for gaining and maintaining employment. Topics include job search skills, work ethic, meeting employer expectations, workplace safety, and human relations. Upon completion, students should be able to successfully make the transition from school to work. Course earns .5 elective credit

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 170: Child Development 1

For teen parents; includes: family living, nutrition, labor, delivery, and development of baby. Is .5 of an elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 175: Child Development 2

For teen parents; includes: family living, nutrition, labor, delivery, and development of baby. Is .5 of an elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 180: Job Skills 1

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 185: Job Skills 2

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 270: Child Development 3

This course is the study of discipline, crawling, child-proofing, toilet training and stress. It is about helping children be happier, healthier, more caring, and more creative by understanding and encouraging play. This class counts for a .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 275: Child Development 4

This course is the study of discipline, crawling, child-proofing, toilet training and stress. It is about helping children be happier, healthier, more caring, and more creative by understanding and encouraging play. This class counts for a .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 280: Job Skills 3

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 285: Job Skills 4

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 380: Job Skills 5

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 385: Job Skills 6

This class is about keeping a job and getting ahead. It is based on research into what employers actually look for in the people they hire. The curriculum is designed to develop critical job survival skills, increase productivity, and improve job satisfaction and success. This course earns .5 elective or vocational credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Fine & Performing Arts**ARTA 100: Art Intro**

This class covers all elements of visual arts. Included in the class is the study of...color, design, drawing, creating, and cultural media. The students will create, present, respond and connect. Students will earn .5 credit for a required class or an elective class.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

ARTA 200: Art Appreciation

This class earns 1/2 credit toward a fine art class. Students will explore eight art masterpieces by artists who represent a variety of cultures. Students will "read" the paintings. Students will observe, react, question, imagine, articulate ideas and express their feelings during the "walk through" of the painting. The student activities are designed to encourage each student to connect the ideas in the painting to his or her own world. The activities are used to extend the learning experience, to use critical-thinking skills and enhance creativity.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Electives**FCSA 120: Teen Issues**

This class covers issues concerning today's teens such as: rights, curfews, censorship, dating violence, relationships, gangs, pregnancy, eating disorders, suicide, and teen driving. This class is .5 of an elective credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSA 135: Habits

7 Habits: Guide to improving self image, building friendships, resisting peer pressure, achieving goals, getting along with parents, and getting through tough issues and life changing decisions; Why Try: Guide to overcoming challenges and make good decisions to achieve opportunity, freedom, and respect; What Color is Your Parachute: Guide to zeroing in on favorite skills and applying that knowledge to set goals and find dream jobs. Earn .5 elective credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSK 125: Teen Issues 2

This class covers issues concerning today's teens such as: rights, curfews, censorship, dating violence, relationships, gangs, pregnancy, eating disorders, suicide, and teen driving. This class is .5 of an elective credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

FCSK 220: Teen Issues 3

This class covers issues concerning today's teens such as: rights, curfews, censorship, dating violence, relationships, gangs, pregnancy, eating disorders, suicide, and teen driving. This class is .5 of an elective credit.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

GUIA 170: Counseling

This class is for students who seek outside counseling help for self-improvement in emotional well-being. Students that receive individualized help and show 65 hours of participation in counseling will earn .5 elective credits.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

HLT 0100: Health

This class includes all of the standard topics found in high school health and wellness books including nutrition, physical fitness, substance use and abuse (including alcohol and tobacco), stress management, disease prevention, and healthy relationships.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

PED 0110: PE CoEd Beginning

This class is based on the Physical Activity Pyramid. Level 1: Lifestyle Physical Activities, Level 2: Active Sports & Recreational activities and Aerobic activities, Level 3 Flexibility activities and Muscle Fitness activities, Level 4: Limit Sedentary Living.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10

SSCA 120: Grand Canyon

This class includes all environmental areas from Plants, Geology, Wildlife, Ecology and Geography to the History of the Grand Canyon. You will be able to relive the great expedition by early Spanish explores and John Wesley Powell's treacherous navigation of the Colorado River through the Grand Canyon.

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

SSCA 170: Philosophy

This course introduces students to the basic foundations of philosophy, exploring metaphysics, epistemology, ethics, and aesthetics. Students will gain an appreciation of philosophical thought through the investigation of key philosophers and philosophical theories. Earn .5 Elective Credit

Credits 0.5 (0.5 Credits Per Semester)

Grade Level

9, 10, 11, 12

Middle School Courses

ENGMK6 A/B: Language Arts 6 A/B

Reading (grade 6) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes.

Grade Level

6

ENGMK7 A/B: Language Arts 7 A/B

Reading (grade 7) courses build upon students' prior knowledge and skill in reading and may emphasize the use of language for different effects, in different contexts, and for different purposes.

Grade Level

7

ENGMK8 A/B: Language Arts 8 A/B

Reading (grade 8) courses build upon students' prior knowledge and skill in reading. Typically, these courses use various genres of literature to improve reading skills, and link exercises for different purposes to those reading selections.

Grade Level

8

MATMK06 A/B: Math 6 A/B

Mathematics (grade 6) courses typically emphasize skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability.

Grade Level

6

MATMK7 A/B: Math 7 A/B

Mathematics (grade 7) courses typically emphasize proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability.

Grade Level

7

MATMK8 A/B: Math 8 A/B

Mathematics (grade 8) courses typically emphasize proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability.

Grade Level

8

PEDMK600: Physical Education 6

Physical Education (grade 6) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level

6

PEDMK700: Physical Education 7

Physical Education (grade 7) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level

7

PEDMK800: Physical Education 8

Physical Education (grade 8) courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health.

Grade Level

8

SCIMK6 A/B: Science 6 A/B

Science (grade 6) courses typically include subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

6

SCIMK7 A/B: Science 7 A/B

Science (grade 7) courses build on previous years of scientific inquiry and typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

7

SCIMK8 A/B: Science 8 A/B

Science (grade 8) courses typically include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units.

Grade Level

8

SSMK 701/702: Social Studies 7 A/B

Social Studies (grade 7) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics.

Grade Level

7

SSMK 801/802: Social Studies 8 A/B

Social Studies (grade 8) courses provide continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Typically, these courses focus on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills.

Grade Level

8

SSMK6 A/B: Social Studies 6 A/B

Social Studies (grade 6) courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines.

Grade Level

6

XPMK680: Online Learning and Digital Citizenship

In this one-semester course, students develop essential study skills for academic success, such as staying organized, managing time, taking notes, applying reading strategies, writing strong papers, and researching and properly citing information. Explicit modeling and ample practice are provided for each study skill to support student mastery. Instruction on how to be a responsible online learner is threaded throughout the course, and these skills are directly addressed in lessons on cyberbullying, staying safe online, and learning how to be a digital leader. A basic understanding of software and hardware and how to troubleshoot common technology issues are also taught. By the end of the course, students will have the tools they need to be academically successful in both traditional and digital learning environments

Grade Level

6, 7, 8