

SY 2018: UMA High School Course Descriptions - Math

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | em or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|------------|---|
| Description | | | | | | |

| | | | | | | |
|---|-----------------|--------------|---|----|------|-----------------|
| Secondary Math 1 | 07-08-00-00-090 | 07-08-090-01 | 9 | 12 | Year | Required |
| <p>Students in Secondary Mathematics I will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.</p> | | | | | | |

| | | | | | | |
|---|------------|------------|---|----|------|-----------------|
| Secondary Math 1H | 7080000095 | 7080000095 | 9 | 12 | Year | Required |
| <p>Students in Secondary Mathematics IH will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Requires a teacher recommendation.</p> | | | | | | |

| | | | | | | |
|--|-----------------|------------|---|----|------|-----------------|
| Secondary Math 2 | 07-08-00-00-100 | 7080000105 | 9 | 12 | Year | Required |
| <p>Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.</p> | | | | | | |

| | | | | | | |
|---|-----------------|------------|---|----|------|-----------------|
| Secondary Math 2H | 07-08-00-00-100 | 7080000105 | 9 | 12 | Year | Required |
| <p>Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. Requires a teacher recommendation.</p> | | | | | | |

| | | | | | | |
|--|------------|------------|---|----|------|-----------------|
| Secondary Math 3 | 7080000110 | 7080000110 | 9 | 12 | Year | Required |
| <p>Students in Secondary Mathematics III will pull together and apply the accumulation of learning they have from previous courses. They will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire.</p> | | | | | | |

| | | | | | | |
|---|------------------|------------|----|----|------|-----------------|
| AP Calculus (AB) | 07-04-00-00-0001 | 07-04-0001 | 11 | 12 | Year | Advanced |
| <p>Calculus AB is designed to be taught over a full high school academic year. Most of the year will be devoted to topics in differential and integral calculus. Must follow College Board guidelines. Students must qualify to take AP Calculus by passing Sec Math III with a B or above, or with teacher recommendation. Students may receive college credit with a score of 3 or higher on the AP exam.</p> | | | | | | |

| | | | | | | |
|--|-----------------|-----------|----|----|------|----------------------------|
| Math of Personal Finance | 07-07-00-00-020 | 07-07-020 | 11 | 12 | Year | Required Substitute |
| <p>For Juniors or Seniors only. Students must have two years of high school math credit as a prerequisite for this course. Includes ideas, concepts, knowledge, skills that will enable students to implement the mathematical skills they need to become wise consumers, savers, investors, credit users, money managers, citizens, and part of a global workforce.</p> | | | | | | |

| | | | | | | |
|---|------------|------------|---|----|------|--|
| Math Lab | 7070000005 | 7070000005 | 9 | 12 | Year | |
| <p>This class will provide additional support for students in their Math class. Need teacher approval</p> | | | | | | |

SY 2018: UMA High School Course Descriptions - Language Arts

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|---|-----------------|-----------|---|---|------|-----------------|
| Language Arts 9 | 06-02-00-00-040 | 06-02-040 | 9 | 9 | Year | Required |
| A grade level appropriate exploration of reading, writing, and inquiry. | | | | | | |

| | | | | | | |
|---|------------|------------|---|---|------|-----------------|
| Language Arts 9H | 6020000045 | 6020000045 | 9 | 9 | Year | Required |
| An advanced level appropriate exploration of reading, writing, and inquiry. Teacher approval required | | | | | | |

| | | | | | | |
|---|-----------------|-----------|----|----|------|-----------------|
| Language Arts 10 | 06-02-00-00-050 | 06-02-050 | 10 | 10 | Year | Required |
| A grade level appropriate exploration of reading, writing, and inquiry. | | | | | | |

| | | | | | | |
|---|------------|------------|----|----|------|-----------------|
| Language Arts 10H | 6020000055 | 6020000055 | 10 | 10 | Year | Required |
| An advanced grade level appropriate exploration of reading, writing, and inquiry. Teacher approval required | | | | | | |

| | | | | | | |
|--|-----------------|-----------|----|----|------|-----------------|
| Language Arts 11 | 06-02-00-00-060 | 06-02-060 | 11 | 11 | Year | Required |
| A grade level appropriate exploration of reading, writing, and inquiry | | | | | | |

| | | | | | | |
|--|-----------------|-----------|----|----|------|-----------------|
| Language Arts 12 | 06-02-00-00-070 | 06-02-070 | 12 | 12 | Year | Required |
| A grade level appropriate exploration of reading, writing, and inquiry | | | | | | |

| | | | | | | |
|--|-----------------|-----------|----|----|------|-------------------------------------|
| AP English Literature and Composition | 06-01-00-00-093 | 06-01-093 | 11 | 12 | Year | Advanced Required Substitute |
| An advanced placement course concentrating on writing and the interpretation of literature. Students may receive college credit if pass final exam. Note - Prerequisites Apply. Must have teacher approval. May be taken in place of Language Arts 12. | | | | | | |

| | | | | | | |
|---|-----------------|------------|---|----|-----|-----------------|
| Beginning Speech and Debate | 06-01-00-00-050 | 6010000050 | 9 | 12 | Sem | Elective |
| A semester course that teaches the skills and strategies of good public speaking. Students will be learning the values of good argumentation and skillful debate practices. | | | | | | |

| | | | | | | |
|---|-------------------|--------------|----------|-----------|-------------|-----------------|
| ESL 9-12 | 6020024040 | 62244 | 9 | 12 | Year | Elective |
| This course teaches students the basic structures and vocabulary of English, to advance their reading, speaking, and pronunciation skills. Does not count as an English credit toward graduation. | | | | | | |

| | | | | | | |
|---|-------------------|-------------------|----------|-----------|-------------|-----------------|
| Journalism/ Yearbook | 6010000090 | 6010000090 | 9 | 12 | Year | Elective |
| Journalism is an exciting, fast-paced orientation to the highly competitive field of journalism. This course will give students a chance to work in an upbeat environment where they will improve writing, interviewing and photography skills. Students will create a monthly school newspaper and end of year yearbook through this course. Students will learn their civic responsibility through a close examination of the First Amendment with specific attention placed on the Freedom of Press and Freedom of Speech. | | | | | | |

| | | | | | | |
|--|-------------------|-------------------|----------|-----------|------------|-----------------|
| HS Reading | 6010000102 | 6010000102 | 9 | 12 | Sem | Elective |
| Reading is a semester-long class that focuses on attention, comprehension, and retention. Students will learn to boost all three while increasing their reading rate, using both academic and high-interest books. With consistent practice both in and out of the class, students gain the skills to become lifelong readers. | | | | | | |

| | | | | | | |
|---|-------------------|-------------------|-----------|-----------|-------------|----------------------------|
| World War II Literature and Composition | 6010000075 | 6010000075 | 10 | 12 | Year | Required Substitute |
| A course concentrating on a World War II literature. Taught in conjunction with WWII History. Must sign up for both courses. May be taken in place of Language Arts 12. | | | | | | |

| | | | | | | |
|--|-------------------|--|-----------|-----------|------------|----------------------------|
| CE English 1010 | 6010013115 | | 12 | 12 | Sem | Required Substitute |
| Concurrent Enrollment freshman English course. Meets the requirement for English 12. Taught through broadcast by a university professor. Students must meet CE requirements for GPA. | | | | | | |

SY 2018: UMA High School Course Descriptions - Science

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|------------------------|------------------|----------|-----------|-------------|-----------------|
| Earth Science | 08-04-00-00-010 | 08-04-010 | 9 | 12 | Year | Required |
| <p>This is the recommended core science course for Grade 9. The theme for Earth Science is systems as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth's place in the universe, internal structure, atmospheric processes, and natural resources are explored to help students understand how Earth science interacts with society.</p> | | | | | | |

| | | | | | | |
|---|------------------------|------------------|-----------|-----------|-------------|-----------------|
| Biology | 08-02-00-00-010 | 08-02-010 | 11 | 12 | Year | Required |
| <p>This course includes the topics of ecosystems, cells, heredity, diversity, organ systems and evolution. Students will explain biological ideas and concepts in their own words and relate them to other topics and apply them in new contexts.</p> | | | | | | |

| | | | | | | |
|---|------------------------|------------------|----------|-----------|-------------|-----------------|
| Chemistry | 08-03-00-00-010 | 08-03-010 | 9 | 10 | Year | Required |
| <p>This course includes the topics of atoms, energy, chemical bonds, chemical reactions and solutions. Students will develop an understanding of chemical concepts and determine the relevance of chemistry in their lives.</p> | | | | | | |

| | | | | | | |
|---|------------------------|------------------|-----------|-----------|-------------|-----------------|
| Physics | 08-06-00-00-020 | 08-06-020 | 10 | 12 | Year | Required |
| <p>The three topics covered in physics are matter, motion and energy. Everything is part of a system, whether it is book on a table, a cog in a machine, a satellite in orbit or a complex electrical circuit. Physics topics will be developed around systems and the nature of science.</p> | | | | | | |

| | | | | | | |
|--|------------------------|-------------------|-----------|-----------|-------------|--------------------------|
| AP Physics AB | 08-06-00-00-020 | 8060000005 | 10 | 12 | Year | Advanced Required |
| <p>The three topics covered in physics are matter, motion and energy. Everything is part of a system, whether it is book on a table, a cog in a machine, a satellite in orbit or a complex electrical circuit. Physics topics will be developed around systems and the nature of science. Algebra based. Must have teacher recommendation.</p> | | | | | | |

| | | | | | | |
|---|------------------------|--------------------|-----------|-----------|-------------|-----------------|
| Geology | 08-04-00-13-003 | 08040000030 | 11 | 12 | Year | Elective |
| <p>Basic concepts of geology will be studied. Formation of rocks, erosion and landscape evolution, plate tectonics, and interpretation of earth processes from geological data are the Required of this course.</p> | | | | | | |

| | | | | | | |
|--|------------------------|-------------------|----------|-----------|------------|-----------------|
| Astronomy | 08-06-00-00-010 | 8060000010 | 9 | 10 | Sem | Elective |
| <p>The underlying principles of life, earth, and physical science are integrated in this study of the universe. Historical astronomy, the solar system, comets, constellations, extraterrestrial life, and the evolution of stars are the major topics of study. Observational astronomy skills and critical thinking are fostered through the use of laboratory and field activities.</p> | | | | | | |

SY 2017: UMA High School Course Descriptions - Social Studies

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|-----------------|-----------|---|----|-----|-----------------|
| World Geography | 09-04-00-00-030 | 09-04-030 | 9 | 12 | Sem | Required |
| Required for 9th grade. Fulfills the requirements for Social Studies secondary students. The course will include map skills with physical and human geography essentials. | | | | | | |

| | | | | | | |
|--|------------|------------|---|----|------|--------------------------|
| World Geography AP | 9040000010 | 9040000010 | 9 | 12 | Year | Advanced Required |
| Advanced Placement Geography for Life including seven geographic themes. Must follow College Board guidelines. Students may receive college credit if pass final exam. | | | | | | |

| | | | | | | |
|---|-----------------|-----------|----|----|-----|-----------------|
| World Civ | 09-05-00-00-090 | 09-05-090 | 10 | 12 | Sem | Required |
| Required for 10th grade students. It is designed as a survey class, describing the relationships that have developed over time among major regions of the world: East Asia, South Asia, Southwest Asia (Middle East), Africa, Europe, North America and Latin America. | | | | | | |

| | | | | | | |
|---|-----------------|-----------|----|----|------|-----------------|
| US History | 09-05-00-00-050 | 09-05-050 | 11 | 12 | Year | Required |
| Required for 11th grade students. A survey of the military, social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. | | | | | | |

| | | | | | | |
|---|------------|------------|---|----|-----|--------------------------|
| AP US History | 9050000001 | 9050000001 | 9 | 12 | Sem | Advanced Required |
| A survey of the military, social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. Equivalent to college level introductory course in U.S. History. Must follow College Board guidelines. Students may receive college credit if pass final exam. | | | | | | |

| | | | | | | |
|--|-----------------|-----------|----|----|-----|-----------------|
| US Government and Citizenship | 09-06-00-00-020 | 09-06-020 | 11 | 12 | Sem | Required |
| Core class that is required for graduation. This course will present the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. the major ideas, protections, privileges, structures, and economic systems that affect the life of a citizen in the United States political system. | | | | | | |

| | | | | | | |
|---|-----------------|-----------|---|----|-----|-----------------|
| Psychology | 09-07-00-00-010 | 09-07-010 | 9 | 12 | Sem | Elective |
| Psychology studies the thought processes and behavior of humans and their interaction with the environment. | | | | | | |

| | | | | | | |
|--|-------------------|--|-----------|-----------|------------|--------------------------|
| Psychology CE | 9070013010 | | 11 | 12 | Sem | Advanced Elective |
| This course is a college credit class that addresses the survey of basic concepts and methods of psychology as a behavioral science and seeks to develop an understanding of the individual and social forces that influence and direct behavior. Throughout the semester we will discuss the Requireds, methods, concepts, and career opportunities in psychology as well as emotion, motivation, personality, and psychological disorders. | | | | | | |

| | | | | | | |
|--|------------------------|--|----------|-----------|------------|-----------------|
| Sports Psychology | 09-07-00-00-010 | | 9 | 12 | Sem | Elective |
| This course will explore the mental and psychological factors that impact athletic performance, specifically focusing on motivation, concentration, focus, confidence, anxiety, and relaxation. The students will learn how to apply the theory and research to achieve excellence in their sport. The students will also learn how to set measurable goals and strategies to achieve them, visualization techniques, leadership, team-building, and how to best cope and recover from injury. | | | | | | |

| | | | | | | |
|--|------------------------|------------------|----------|-----------|------------|-----------------|
| Economics | 09-03-00-00-020 | 09-03-020 | 9 | 12 | Sem | Elective |
| Elective course for secondary students. Economics studies the production, distribution, and consumption of goods and services in an economy. | | | | | | |

| | | | | | | |
|--|-------------------|-------------------|----------|-----------|------------|-----------------|
| Current Events | 9060000030 | 9060000030 | 9 | 12 | Sem | Elective |
| Elective course studies American Problems. Emphasis is on constitutional rights and responsibilities as well as contemporary issues. | | | | | | |

| | | | | | | |
|---|-------------------|--|----------|-----------|------------|--|
| Military History | 9050000100 | | 9 | 12 | Sem | |
| This course will cover the military conflicts in which the United States has been involved. Conflicts from the American Revolution to the Persian Gulf War will be studied. The major emphasis will be on cause-effect relationships. There will also be military tactics and innovations from each conflict presented. Conflicts studied will include: the French and Indian War, the American Revolution, the War of 1812, the Mexican War, the Civil War, the Spanish American War, World Wars I and II, the Korean Conflict, Vietnam, and the Persian Gulf War will be integrated into the course as well. A major emphasis will be placed on learning the focus and events in the world which led to each war and possible solutions that might lead to maintaining peace. | | | | | | |

| | | | | | | |
|---|-------------------|--|-----------|-----------|------------|-----------------|
| World War II History | 9050000100 | | 10 | 12 | Sem | Elective |
| This course will focus specifically on WW II. It is taught in conjunction with WWII Literature. Students must enroll in both courses. | | | | | | |

SY 2017: UMA High School Course Descriptions - Fine Arts

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|------------------------|------------------|----------|-----------|------------|-----------------|
| Drawing 1 | 02-01-00-00-045 | 02-01-045 | 9 | 12 | Sem | Elective |
| This entry level High School course is centered on the development of observational skills needed in rendering the illusion of 3D forms on a flat surface. | | | | | | |

| | | | | | | |
|---|------------------------|------------------|----------|-----------|------------|-----------------|
| Painting 1 | 02-01-00-00-100 | 02-01-047 | 9 | 12 | Sem | Elective |
| As a production oriented class, students will have a chance to explore a few painting mediums, such as watercolor and acrylic. Students will use a variety of techniques to explore realistic and abstract applications of these mediums. Grades will be based on participation, production and work ethic. | | | | | | |

| | | | | | | |
|---|-------------------|--|-----------|-----------|------------|-----------------|
| Photography | 2010000110 | | 11 | 12 | Sem | Elective |
| Students are introduced to the fundamentals of photography. | | | | | | |

| | | | | | | |
|---|-------------------|-------------------|----------|-----------|------------|-----------------|
| Art Foundations | 2010013061 | 2010013061 | 9 | 12 | Sem | Elective |
| Art is the foundational art course at the high school level. We will work in drawing and design. You will become familiar with the basic elements and principles of two dimensional artwork. Lessons include projects in the art elements of line, shape, texture, and space, value, color in-depth, principles of art, and exploration of different art materials. | | | | | | |

| | | | | | | |
|---|-------------------|--|----------|-----------|------------|-----------------|
| Digital Media | 2010000040 | | 9 | 12 | Sem | Elective |
| This High School course is designed to provide an overview of traditional art media and new electronic or computer generated media used in modern communications. | | | | | | |

| | | | | | | |
|--|-------------------|--|----------|-----------|------------|-----------------|
| Sculpture | 2010000130 | | 9 | 12 | Sem | Elective |
| This is a beginning course where students will learn techniques in the creation of different types of sculpture. | | | | | | |

| | | | | | | |
|--|-------------------|--|----------|-----------|-------------|-----------------|
| HS Orchestra | 2040300010 | | 9 | 12 | Year | Elective |
| Provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play orchestral string instruments. | | | | | | |

| | | | | | | |
|---|------------------------|--|----------|-----------|-------------|-----------------|
| Band Ensemble | 02-04-01-00-010 | | 9 | 12 | Year | Elective |
| Provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a woodwind, brass, or percussion instrument in a large ensemble band setting. | | | | | | |

| | | | | | | |
|--|------------------------|--|----------|-----------|------------|-----------------|
| Mixed Chorus | 02-04-02-00-010 | | 9 | 12 | Sem | Elective |
| This course provides opportunities for students to develop their musical potential and aesthetic understanding through singing in a choral mixed ensemble. | | | | | | |

| | | | | | | |
|--|-------------------|-------------------|----------|-----------|------------|-----------------|
| Music Tech | 2040000040 | 2040000040 | 9 | 12 | Sem | Elective |
| Students will discover and explore introductory concepts used in music sequencing, notation and recording. No prior musical experience is needed, however, having training on an instrument or voice is helpful. Students will create music using sequencing/editing software, synthesizers and drum machines. Students interested in the current methods of music creation and production should consider taking this course. | | | | | | |

SY 2017: UMA High School Course Descriptions - JROTC

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|------------------------|--|----------|----------|-------------|-----------------|
| LET 1 | 15-00-00-00-060 | | 9 | 9 | Year | Required |
| <p>Leadership Education and Training: Students will learn to appreciate the ethical values that underlie good citizenship. Develop leadership potential and learn to live and work cooperatively with others. Think logically and communicate effectively both orally and in writing. Appreciate the importance of physical fitness in maintaining good health. Understand ways to resist negative peer pressure and support others. Developmental management abilities. Become familiar with military history as it relates to America's culture and with the history, purpose, and structure of the military services. Understand the importance of high school graduation to a successful future. Learn about college and other advanced educational and employment opportunities and develop the skills necessary to work effectively as member of a team.</p> | | | | | | |

| | | | | | | |
|---|------------------------|--|-----------|-----------|-------------|-----------------|
| LET 2 | 15-00-00-00-060 | | 10 | 10 | Year | Required |
| <p>Builds on LET 1: Leadership Education and Training: Students will learn to appreciate the ethical values that underlie good citizenship. Develop leadership potential and learn to live and work cooperatively with others. Think logically and communicate effectively both orally and in writing. Appreciate the importance of physical fitness in maintaining good health. Understand ways to resist negative peer pressure and support others. Developmental management abilities. Become familiar with military history as it relates to America's culture and with the history, purpose, and structure of the military services. Understand the importance of high school graduation to a successful future. Learn about college and other advanced educational and employment opportunities and develop the skills necessary to work effectively as member of a team.</p> | | | | | | |

| | | | | | | |
|--|------------------------|--|-----------|-----------|-------------|-----------------|
| LET 2-3 | 15-00-00-00-060 | | 11 | 12 | Year | Required |
| <p>Combines LET 2 & 3 into one course for students new to JROTC: Leadership Education and Training: Students will learn to appreciate the ethical values that underlie good citizenship. Develop leadership potential and learn to live and work cooperatively with others. Think logically and communicate effectively both orally and in writing. Appreciate the importance of physical fitness in maintaining good health. Understand ways to resist negative peer pressure and support others. Developmental management abilities. Become familiar with military history as it relates to America's culture and with the history, purpose, and structure of the military services. Understand the importance of high school graduation to a successful future. Learn about college and other advanced educational and employment opportunities and develop the skills necessary to work effectively as member of a team.</p> | | | | | | |

| | | | | | | |
|---|------------------------|--|-----------|-----------|-------------|-----------------|
| LET 3 | 15-00-00-00-060 | | 11 | 11 | Year | Required |
| <p>Builds on LET 1 and 2: Leadership Education and Training: Students will learn to appreciate the ethical values that underlie good citizenship. Develop leadership potential and learn to live and work cooperatively with others. Think logically and communicate effectively both orally and in writing. Appreciate the importance of physical fitness in maintaining good health. Understand ways to resist negative peer pressure and support others. Developmental management abilities. Become familiar with military history as it relates to America's culture and with the history, purpose, and structure of the military services. Understand the importance of high school graduation to a successful future. Learn about college and other advanced educational and employment opportunities and develop the skills necessary to work effectively as member of a team.</p> | | | | | | |

| | | | | | | |
|--|------------------------|--|-----------|-----------|-------------|-----------------|
| LET 4 | 15-00-00-00-060 | | 12 | 12 | Year | Required |
| <p>Builds on LET 1, 2 and 3: Leadership Education and Training: Students will learn to appreciate the ethical values that underlie good citizenship. Develop leadership potential and learn to live and work cooperatively with others. Think logically and communicate effectively both orally and in writing. Appreciate the importance of physical fitness in maintaining good health. Understand ways to resist negative peer pressure and support others. Developmental management abilities. Become familiar with military history as it relates to America's culture and with the history, purpose, and structure of the military services. Understand the importance of high school graduation to a successful future. Learn about college and other advanced educational and employment opportunities and develop the skills necessary to work effectively as member of a team.</p> | | | | | | |

| | | | | | | |
|---|------------------------|------------------|----------|-----------|-------------|-----------------|
| Competitive Drill | 15-00-00-00-060 | 15-60-650 | 9 | 12 | Year | Elective |
| <p>The competitive drill class prepares students to compete at local, regional, and national drill competitions. Students will learn basic and advanced drill sequences in order to compete. Enrollment in the competitive drill class does not ensure a cadet will compete in drill competitions. All primary and alternate positions are determined by the drill team captains and AFJROTC Cadre.</p> | | | | | | |

| | | | | | | |
|---|------------------------|------------------|----------|-----------|------------|-----------------|
| Marksmanship | 15-00-00-00-060 | 15-60-700 | 9 | 12 | Sem | Elective |
| The course covers how to safely and properly conduct air rifle live firing, and teaches basic marksmanship skills that are the Required for three-position air rifle qualification and competition. Students participate in shooting and work to improve their aim. | | | | | | |

| | | | | | | |
|---|------------------------|------------------|-----------|-----------|------------|-----------------|
| Advanced Marksmanship | 15-00-00-00-060 | 15-60-700 | 10 | 12 | Sem | Elective |
| Building upon skills and information learned in marksmanship, this course covers more advanced marksmanship techniques. Instructor permission required. | | | | | | |

| | | | | | | |
|--|------------------------|------------------|-----------|-----------|------------|-----------------|
| Survival | 15-00-00-00-060 | 15-60-750 | 11 | 12 | Sem | Elective |
| Introduces cadets to the physical and mental needs individuals must possess to survive in austere situations or environments. Teaches the physiological aspects of survival, required personal protection measures, and where to find necessities required to maintain life. | | | | | | |

| | | | | | | |
|--|------------------------|--|-----------|-----------|------------|-----------------|
| Raiders | 15-00-00-00-060 | | 10 | 12 | Sem | Elective |
| By instructor permission only. Students develop skills such as rope tying and map reading. They build physical strength and endurance and learn how to work in a team. | | | | | | |

| | | | | | | |
|---|------------------------|--|----------|-----------|------------|-----------------|
| Military Communication | 15-00-00-00-060 | | 9 | 12 | Sem | Elective |
| Introduces cadets to principles of interpersonal communication and military leadership. Teaches youth how to understand and be understood clearly. Covers verbal and non-verbal communication, body language, public speaking, and building confidence as a leader. | | | | | | |

| | | | | | | |
|--|------------------------|--|----------|-----------|------------|-----------------|
| JROTC Activities | 15-00-00-00-060 | | 9 | 12 | Sem | Elective |
| Introduces Cadets to aspects of military activities, including Marksmanship and Drill. Students will also participate in team building activities. | | | | | | |

SY 2018: UMA High School Course Descriptions - CTE

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|---|-----------------|-----------|----|----|-----|-----------------|
| General Financial Literacy | 01-00-00-00-100 | 01-00-100 | 11 | 12 | Sem | Required |
| 0.5 units of credit is required for graduation. Designed to prepare students for the choices and challenges of today's financial markets and develop a better understanding of personal finance. Topics include income, money management, spending and credit, saving and investment, consumer protection, and risk management. | | | | | | |

| | | | | | | |
|---|-----------------|-----------|---|----|-----|-----------------|
| Computer Technology 1 | 32-02-00-00-240 | 32-02-240 | 9 | 12 | Sem | Required |
| An introduction to computer application software that includes word processing, spreadsheet, database, and telecommunications. An awareness of career opportunities, business ethics, and trends is included. | | | | | | |

| | | | | | | |
|---|-------------|-------------|---|----|-----|-----------------|
| Robotics | 38010000031 | 38010000031 | 9 | 12 | Sem | Elective |
| The first in a sequence of courses that prepares individuals with a lab-based, hands-on curriculum combining electrical, mechanical and engineering principles. Students will learn to design, build, program, and control robotic devices. | | | | | | |

| | | | | | | |
|---|-------------|-------------|---|----|------|-----------------|
| Creative Coding | 35020000003 | 35020000003 | 9 | 12 | Year | Elective |
| A practice-based course designed to teach basic programming skills in the context of critical and cultural media studies and the digital humanities. The course requires no prior programming experience, simply a willingness to explore code at a more technical level with the aim of using computation as an expressive, analytical, critical and visualizing medium. | | | | | | |

| | | | | | | |
|--|-----------------|-----------|---|----|-----|-----------------|
| Engineering I | 38-01-00-00-078 | 38-01-078 | 9 | 12 | Sem | Elective |
| A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. | | | | | | |

| | | | | | | |
|---|-------------|-------------|---|----|-----|-----------------|
| TV Broadcasting | 40010000005 | 40010000005 | 9 | 12 | Sem | Elective |
| Students will use creative storytelling, shooting, and editing to appeal to their audiences. Teaches the basic skills of broadcast media. | | | | | | |

| | | | | | | |
|---|-------------|-------------|---|----|-----|-----------------|
| Video Production | 40010000030 | 40010000030 | 9 | 12 | Sem | Elective |
| This course is designed to provide students with the basic knowledge and skills related to the television production industry. Instruction includes hands-on assignments in the following areas: camera operation, recording audio, lighting systems, pre-prod. | | | | | | |

| | | | | | | |
|--|-------------|--|----|----|------|-----------------|
| Anatomy and Physiology | 36010000110 | | 11 | 12 | Year | Elective |
| This full-year course provides students with an in-depth study of health care careers including actual clinical experience in a variety of areas. Instruction includes intermediate anatomy & physiology, medical terminology, diseases and disorders. | | | | | | |

SY 2017: UMA High School Course Descriptions - Foreign Languages

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|---|------------------------|------------------|----------|-----------|-------------|-----------------|
| Spanish 1 | 03-07-00-00-011 | 03-07-011 | 9 | 12 | Year | Required |
| <p>Emphasis placed on speaking skills through reading and writing are addressed. This course provides for the learning of dialogues, common words and expressions and basic language structure as well as oral practice of the language in skits, poetry, dialogues and readings.</p> | | | | | | |

| | | | | | | |
|--|------------------------|------------------|----------|-----------|-------------|-----------------|
| Spanish 2 | 03-07-00-00-021 | 03-07-021 | 9 | 12 | Year | Advanced |
| <p>Prerequisite: Successful completion of Spanish 1 or placement test. This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.</p> | | | | | | |

| | | | | | | |
|---|--|-------------------|----------|-----------|-------------|-----------------|
| Sign Language 1 | | 3010000015 | 9 | 12 | Year | Required |
| <p>This course introduces the fundamental elements of American Sign Language within a cultural context. Emphasis is placed on the development of basic expressive and receptive skills. Upon completion, students will be able to comprehend and respond with grammatical accuracy to expressive American Sign Language and demonstrate cultural awareness.</p> | | | | | | |

| | | | | | | |
|--|--|-------------------|----------|-----------|-------------|-----------------|
| Sign Language 2 | | 3010000021 | 9 | 12 | Year | Advanced |
| <p>Prerequisite: Successful completion of Sign Language 1 or placement test. This course is a continuation of ASL 1 focusing on the fundamental elements of American Sign Language in a cultural context. Emphasis is placed on the progressive development of expressive and receptive skills. Upon completion, the students should be able to comprehend and respond with increasing accuracy to expressive American Sign Language and demonstrate cultural awareness.</p> | | | | | | |

| | | | | | | |
|--|------------------------|-------------------|----------|-----------|-------------|-----------------|
| German 1 | 03-04-00-00-011 | 3040000015 | 9 | 12 | Year | Required |
| <p>Emphasis placed on speaking skills through reading and writing are addressed. This course provides for the learning of dialogues, common words and expressions and basic language structure as well as oral practice of the language.</p> | | | | | | |

| | | | | | | |
|--|------------------------|-------------------|--|--|-------------|-----------------|
| German 2 | 03-04-00-00-021 | 3040000025 | | | Year | Advanced |
| <p>This course continues the development of speaking, listening, reading and writing skills. Narratives and dialogues are used to teach structure and vocabulary. Culture and geography of the native country are taught through reading selections.</p> | | | | | | |

SY 2017: UMA High School Course Descriptions - PE and Health

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|---|-----------------|-----------|---|----|-----|-----------------|
| Fit for Life | 04-02-00-00-030 | 04-02-030 | 9 | 12 | Sem | Required |
| Core-required 10th grade class that provides comprehensive instruction in nutrition, fitness activities, and self-assessment. | | | | | | |

| | | | | | | |
|---|-----------------|-----------|----|----|-----|-----------------|
| Lifetime Activities | 04-02-00-00-040 | 04-02-040 | 11 | 12 | Sem | Required |
| Core course that provides instruction in up to three lifetime sports activities and physical fitness. | | | | | | |

| | | | | | | |
|--|-----------------|-----------|---|----|-----|-----------------|
| Participation Skills & Techniques | 04-02-00-00-060 | 04-02-060 | 9 | 12 | Sem | Required |
| This core required course for 9th grade offers students instruction in lifetime activities and fulfills one P.E. requirement for high school graduation. Individual, dual, and team sports activities are included, with the emphasis on activities offering lifelong participation. | | | | | | |

| | | | | | | |
|--|-----------------|-----------|---|----|-----|-----------------|
| Beginning Weight Training | 04-02-00-00-056 | 04-02-056 | 9 | 12 | Sem | Elective |
| High School class taken for elective credit only. Students will develop a plan and participate in weight training activities. 9th grade students will have a limited weight lifting limit. | | | | | | |

| | | | | | | |
|--|-----------------|--|----|----|-----|-----------------|
| Advanced Weight Training | 04-02-00-00-058 | | 10 | 12 | Sem | Elective |
| High School class taken for elective credit only. Students will develop a plan and participate in advanced weight training activities. Beginning weights is a pre-requisite. | | | | | | |

| | | | | | | |
|---|------------|--|---|----|-----|-----------------|
| Health | 4010000010 | | 9 | 12 | Sem | Required |
| Taken in 10th grade in conjunction with Fit for Life. Students will study the development of mental, physical, and emotional health. The emphasis of this class will include instruction on how to obtain a healthy lifestyle--both physically and mentally. Course of study will include nutrition, stress, substance abuse, family/commitment/ marriage, self-esteem, and refusal skills and human sexuality. | | | | | | |

| | | | | | | |
|---|------------|--|---|----|-----|-----------------|
| Military Fitness | 4020000056 | | 9 | 12 | Sem | Elective |
| An elective PE course that helps students prepare students to do well on the military PT test and to be generally physically fit. | | | | | | |

SY 2017: UMA High School Course Descriptions - Electives

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|-----------------|-----------|---|----|-----|----------------------|
| Transitions | 23-01-00-00-340 | 15-00-045 | 9 | 12 | Sem | Required SPED |
| This course is designed to introduce students with disabilities to a variety of career fields. Content may include: interest inventories, proficiency exams to help identify career fields appropriate to students' skills and interests, resume writing, inte | | | | | | |

| | | | | | | |
|---|-----------------|-----------|---|----|------|-------------|
| Learning Strategies | 23-01-00-00-100 | 23-01-220 | 9 | 12 | Year | SPED |
| Only available for students with IEPs. This course is designed to provide specialized instruction in which students with disabilities learn and apply strategies while accessing the general-ed curriculum. | | | | | | |

| | | | | | | |
|--|-----------------|--------------|----|----|-----|-----------------|
| Teacher Assistant | 25-01-00-00-010 | 25-01-010-01 | 10 | 12 | Sem | Elective |
| Course used for students serving as a student aide/assistant. <u>NOT available to Grades 9.</u> | | | | | | |

| | | | | | | |
|---|-----------------|--------------|----|----|-----|-----------------|
| Office Aide | 25-01-00-00-010 | 25-01-010-02 | 11 | 12 | Sem | Elective |
| Course used for students serving as a student aide/assistant in the office. <u>NOT available to Grades 9 and 10.</u> | | | | | | |

| | | | | | | |
|---|-----------------|--|----|----|-----|-----------------|
| ACT Test Prep | 15-00-00-00-002 | | 11 | 12 | Sem | Required |
| A class designed to help our juniors and seniors prepare for various testing, including ACT, ASVAB, and other standardized tests. | | | | | | |

| | | | | | | |
|---|------------|--|---|----|-----|-----------------|
| Learning Strategies | 1500000045 | | 9 | 12 | Sem | Elective |
| A study hall course where students are taught specific study skills and given time to work on other coursework. | | | | | | |

| | | | | | | |
|--|------------|--|---|----|------|-----------------|
| Released Time | 2501000020 | | 9 | 12 | Year | Elective |
| Released time for LDS Seminary. Held 1st period on B days. No school credit given. | | | | | | |

| | | | | | | |
|---|-----------------|--|---|----|-----|-----------------|
| Battalion Staff | 09-06-00-00-051 | | 9 | 12 | Sem | Elective |
| Battalion Staff class. Students learn and apply leadership and communication skills. Must be part of staff to enroll. | | | | | | |

| | | | | | | |
|---|------------|--|---|----|------|-----------------|
| Hope Squad | 2501000030 | | 9 | 12 | Year | Elective |
| Students are members of the Hope Squad. Teachers/advisors help students understand their role in the prevention of many anti-social behaviors in which youth can and do become involved. Uses youth leaders in developing and implementing a school wide system of support for students. Mujst have teacher permission to enroll. | | | | | | |

SY 2017: UMA High School Course Descriptions - CE Courses

| Course Title | State Course Code | Aspire Course Code | Low Grade | High Grade | Sem or Year | Required, Elective, Applied or Advanced |
|--------------------|-------------------|--------------------|-----------|------------|-------------|---|
| Description | | | | | | |

| | | | | | | |
|--|-------------------|--|-----------|-----------|------------|----------------------------|
| CE English 1010 | 6010013115 | | 12 | 12 | Sem | Required Substitute |
| Concurrent Enrollment freshman English course. Meets the requirement for English 12. Teaches rhetorical knowledge and skills, focusing on critical reading, writing, and thinking. Introduces writing for specific academic audiences and situations. Emphasizes writing as a process through multiple drafts and revisions. In addition to major essay assignments, may include in-class writing and collaboration, research writing, journals, and portfolios. Delivered online. | | | | | | |

| | | | | | | |
|---|--|--|----------|-----------|------------|-----------------------------|
| Psychology CE | | | 9 | 12 | Sem | Advanced SS Elective |
| This course is a college credit class that addresses the survey of basic concepts and methods of psychology as a behavioral science and seeks to develop an understanding of the individual and social forces that influence and direct behavior. Throughout the semester we will discuss methods, concepts, and career opportunities in psychology as well as emotion, motivation, personality, and psychological disorders. Delivered online. | | | | | | |

| | | | | | | |
|---|--------------------|--|-----------|-----------|------------|-----------------|
| CE Intro to Criminal Justice | 40060013103 | | 11 | 12 | Sem | Elective |
| This course exposes students to three components of the criminal justice system: Police, Courts, and Corrections and their place in American Society. Delivered online. | | | | | | |

| | | | | | | |
|---|------------------------|--|-----------|-----------|------------|-----------------|
| CE Aviation Science | 15-00-00-00-002 | | 11 | 12 | Sem | Required |
| Designed for all students interested in aviation careers. Includes a general knowledge of aviation, historical events, and aerospace studies/ development opportunities. Studies aviation and aerospace terminology, how aircraft and spacecraft fly, research and development of future systems, government and industry roles in the growth of aviation, and potential careers in aviation. Delivered online. | | | | | | |

| | | | | | | |
|---|-------------------|--|----------|-----------|------------|-----------------|
| CE Sociology | 9080013001 | | 9 | 12 | Sem | Elective |
| Designed to give students a foundation for all future sociological studies. Develops an understanding of the role of social organization on human interaction. Introduces definitions, terms, and concepts used in sociological literature. Delivered online. | | | | | | |

| | | | | | | |
|---|-------------------|--|----------|-----------|-------------|-----------------|
| CE Communications | 6010013020 | | 9 | 12 | Year | Elective |
| The study of interpersonal communication is the study of interaction between people. It is not only the conversation, but the study of relationships, problems, and situations and how they can be dealt with in an effective manner. This course is designed to study interpersonal communication from a descriptive as well as analytical point of view. The topics of interpersonal relationships, self-concept, perception, emotions, verbal and nonverbal language, listening, intimacy, climate, and conflict will be discussed. Possible methods of enhancing interpersonal communication situations will be practiced through discussion, role play, writing, critical evaluation, feedback and observance. Delivered online. | | | | | | |

| | | | | | | |
|--|--------------------|--|----------|-----------|-------------|-----------------|
| CE Mass Media | 25010000020 | | 9 | 12 | Year | Elective |
| This course is an introduction into the nature of media and its relationship with the individual. The course teaches students to analyze, assess and evaluate popular culture, literature, and media. It includes a focus on various mediums including literature, radio, television, film, books, newspaper, and advertising to assist students in looking at the big picture of how media affects their perceptions. Delivered online. | | | | | | |