

# UMA Camp Williams

## 2022-2023 Course Catalog



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# Middle School Course Offerings

## Math

**Math 7:** 7th Grade, Year, Foundation

07080000070

Description: Required at UMA for Grade 7 – Math 7 focuses on four critical areas: (1) understanding and using proportional relationships including slope, unit rates, and rate of change; (2) defining and using rational numbers including fractions and decimals, including using them in expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) using statistics to draw inferences about populations based on samples.

**Math 7 Honors:** 7th Grade, Year, Foundation/Advanced

07080000075

Description: Requires a high MAP or TIDE score. In 7th Grade Mathematics Honors students will focus on developing understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems in multiple forms.

**Math 8:** 8th Grade, Year, Foundation

07080000080

Description: Required at UMA for Grade 8 – Math 8 continues to build on concepts learned in seventh grade and focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling data using linear equations, and solving linear equations and systems of linear equations; (2) defining functions and using functions to describe relationships; (3) analyzing two- and three-dimensional figures, and understanding and applying the Pythagorean Theorem.

**Math 8 Honors:** 8th Grade, Year, Foundation/Advanced

07080000085

Description: Language Arts 8 Honors cadets will focus on major Language Arts skills: reading, writing, speaking, listening, and language. Cadets will read a variety of classical literature, poems, short stories, and informative texts. Cadets will develop writing skills for narrative, descriptive, argumentative, informative, compare and contrast, and research. In addition to reading and writing, cadets will develop presentations and enhance the skills required for public speaking. Cadets will build on their vocabulary in writing and in speech, develop sentence structure, and maintain proper

grammar usage. Students enrolled in Honors English have previously

### **Math Foundations 7/8:** 7th and 8th Grade, Semester, Elective

Description: This is a semester class designed to fill in holes in math education. We focus on fractions, decimals, percents, ratios, proportions which is a large portion of RISE testing in 7th and 8th grade. This is not a study hall period. This does NOT replace a grade-level math class, but is in addition to one.

## Language Arts

### Language Arts 7: 7th Grade, Year, Foundation

06020000020

Description: Required at UMA for Grade 7 – Language Arts 7 is designed to prepare cadets with the knowledge and skills required for the next level of courses; developing and strengthening proficiencies in reading, writing, speaking, listening, language, and critical thinking. Cadets will read literature from several genres, and will use the writing process to develop various forms of writing, making connections with themselves, texts, and the world. Cadets will enhance their presentations skills both in writing and public speaking. This is a holistic course encompassing all aspects of English.

### Language Arts 7 Honors: 7th Grade, Year, Foundation/Advanced

06020000025

Description: Required at UMA for Grade 7 – Language Arts 7 is designed to prepare cadets with the knowledge and skills required for the next level of courses; developing and strengthening proficiencies in reading, writing, speaking, listening, language, and critical thinking. Cadets will read literature from several genres, and will use the writing process to develop various forms of writing, making connections with themselves, texts, and the world. Cadets will enhance their presentations skills both in writing and public speaking. This is a holistic course encompassing all aspects of English. **Requires a high MAP or SAGE score.**

### Language Arts 8: 8th Grade, Year, Foundation

06020000030

Description: Required at UMA for Grade 8 – In Language Arts 8 cadets will focus on major Language Arts skills: reading, writing, speaking, listening, and language. Cadets will read a variety of classical literature, poems, short stories, and informative texts. Cadets will develop writing skills for narrative, descriptive, argumentative, informative, compare and contrast, and research. In addition to reading and writing, cadets will develop presentations and enhance the skills required for public speaking. Cadets will build on their vocabulary in writing and in speech, develop sentence structure, and maintain proper grammar usage. The overall goal of the Language Arts 8 curriculum is to prepare students with the knowledge and skills required for the next level courses. Cadets will improve critical thinking skills through the use of lateral puzzles and true to life connections.

### Language Arts 8 Honors: 8th Grade, Year, Foundation/Advanced

06020000035

Description: Required at UMA for Grade 8 – In Language Arts 8 cadets will focus on major Language Arts skills: reading, writing, speaking, listening, and language. Cadets will read a variety of classical

literature, poems, short stories, and informative texts. Cadets will develop writing skills for narrative, descriptive, argumentative, informative, compare and contrast, and research. In addition to reading and writing, cadets will develop presentations and enhance the skills required for public speaking. Cadets will build on their vocabulary in writing and in speech, develop sentence structure, and maintain proper grammar usage. The overall goal of the Language Arts 8 curriculum is to prepare students with the knowledge and skills required for the next level courses. Cadets will improve critical thinking skills through the use of lateral puzzles and true to life connections. **Requires teacher permission.**

# Science

## **Integrated Science 7:** 7th Grade, Year, Foundation

08050000001

Description: The seventh-grade integrated science looks for relationships of cause and effect which enable students to pinpoint mechanisms of nature and allow them to make predictions. Students will explore how forces can cause changes in motion and are responsible for the transfer of energy and the cycling of matter. This takes place within and between a wide variety of systems from simple, short-term forces on individual objects to the deep, long-term forces that shape our planet. In turn, Earth's environments provide the conditions for life as we know it. Organisms survive and reproduce only to the extent that their own mechanisms and adaptations allow. Evidence for the evolutionary histories of life on Earth is provided through the fossil record, similarities in the various structures among species, organism development, and genetic similarities across all organisms. Additionally, mechanisms shaping Earth are understood as forces affecting the cycling of Earth's materials. Questions about cause and effect and the ongoing search for evidence in science, or science's ongoing search for evidence, drive this storyline.

## **Integrated Science 8:** 8th Grade, Year, Foundation

08050000010

Description: The eighth-grade integrated science describes the constant interaction of matter and energy in nature. Students will explore how matter is arranged into either simple or complex substances. The strands emphasize how substances store and transfer energy which can cause them to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans. Matter and energy cycle and change in ecosystems through processes that occur during photosynthesis and cellular respiration. Additionally, substances that provide a benefit to organisms, including humans, are unevenly distributed on Earth due to geologic and atmospheric systems. Some resources form quickly, allowing them to be renewable, while other resources are nonrenewable. Evidence reveals that Earth's systems change and affect ecosystems and organisms in positive and negative ways.

## **Astronomy and Space Exploration:** 7th and 8th Grade, Semester, Elective

08060000010

Description: Astronomy and Space Exploration investigates the processes and mechanisms that have resulted in the formation of our Earth, the solar system, stars, galaxies, and the universe. Students plan and carry out an investigation of the solar system, formation of the planets, and other elements of our system and analyze the data gathered from various space probes, satellites, and telescopes. Students develop models to illustrate the life span of the Sun and the role of nuclear fusion releasing energy in the Sun's core. Students analyze and interpret data to construct an explanation for

Earth's 4.6 billion year history and explore Earth's systems. Students use critical and computational thinking to explain the planning and resources needed to further explore planets and various space bodies, design possible colonization scenarios, and the identification, harvest, and use of extraterrestrial resources to address possible solutions to problems that exist on Earth.

**Science Lab:** 7th and 8th Grade, Semester, Elective

08050000015

Description: Students have the opportunity to get extra time to learn concepts in integrated science 7 and 8. By invitation only.



# History

**Utah Studies:** 7th Grade, Semester, Foundation

09050000070

Description: The Utah Studies standards are based on four social studies disciplines: history, geography, economics, and civics. Students will explore the complex history of Utah, with examples of creativity, sacrifice, conflict, innovation, inequity, compromise, and leadership. Students will also learn about Utah's diverse physical geography, encounter Utah's economic systems and dynamics, and explore local and statewide political systems

**US History I:** 8th Grade, Year, Foundation

09050000030

Description: United States History I includes events and issues in United States history from the Age of Exploration through Reconstruction, emphasizing the 18th and 19th centuries. Topics include, but are not limited to, American Indian life, European exploration and colonization, the Revolutionary War, constitutional issues, nation building, expansion, the Civil War, and Reconstruction.

## Fine Arts

### **JH Art Foundations:** 7th and 8th Grade, Semester, Foundation

02010000060

**Description:** This course is beginning level students in grades 7–8th grade. The course includes hands–on activities, interactive projects, and the practice of complex projects. This class explores different mediums, styles, and perspectives. Students will use different tools and techniques to understand their unique artistic expression. Our projects will branch out to curiosity and creativity problem solving. Cadets will practice the understanding of Elements of Art (line, shape, form, color, texture, value, space) and the Principles of Design (balance, unity, variety, emphasis, pattern, movement, proportion). Some projects include; Blind Contour, Papier–mâché, Origami, and Positive/Negative space, etc.

### **Mixed Choir:** 7th–12th Grade, Year, Foundation

02040200001

**Description:** Mixed choir is an ensemble comprised of beginning to advanced singers, male and female. The course covers music history, music theory, and introductory vocal pedagogy. Training in sight singing, choral blend, concert etiquette, and expressivity will be developed throughout the year. Cadets are required to practice at home and participate in all performances.

### **Intermediate Ensemble (Band & Strings):** 7th–9th Grade, Year, Foundation

2040100001

**Description:** This class is open to all middle school and 9th grade cadets who have beginning to intermediate level experience. This course focuses on the development of instrument–specific technique, including embouchure, tone quality, intonation, articulation, rhythmic accuracy, technical facility, and basic music theory. Daily home practice and participation in all scheduled performances throughout the year are required. Parents will need to provide their student with an instrument (either through purchase or rental), method book and various supplies. Instruments that are options for beginners are flute, clarinet, alto saxophone, trumpet, trombone, tuba, violin, viola, cello, and percussion.

### **Advanced Ensemble Band and Strings (by audition):** 8th–12th Grade, Year, Foundation/Advanced

2040100010

**Description:** Advanced Ensemble is open to all 9–12 grade cadets who have successfully completed at least one year of band or orchestra (8th graders only by audition.) This course focuses on both the continuing musical training necessary to play a wind instrument, string instrument or percussion,

and the preparation and performance of music of various styles for public concerts and adjudicated festivals. Daily home practice and participation in all scheduled performances are required. Parents will need to provide their student with an instrument (either through purchase or rental), method book, and various supplies. Cadets are eligible to earn a varsity letter through participation in regional and state level competitions.

**Ukulele Ensemble:** 7th–12th Grade, Year, Elective

2040300040

Description: This course serves as an introduction to the instrument and will provide cadets with instant access to making music on the ukulele. Focus points will be strumming and rhythms, chords, and reading sheet music. Cadets are required to practice at home and participate in all performances. Parents are required to provide their cadet with their own instrument and supplies.

## Military Culture

**Military Cultural Awareness:** 7th Grade, Year, Foundation

15000000008

Description: To familiarize cadets with the standards and expectations of UMA; and to develop character, leadership, and citizenship based on constitutional oaths and military values.

**JH Marksmanship:** 7th and 8th Grade, Semester, Elective

15000000060

Description: Teach cadets the basics of gun safety and accurate shooting with an air rifle.

**Intro to JROTC:** 8th Grade, Year, Elective

15000000060

Description: Introduce 8th graders to JROTC and military culture in preparation for 9th grade JROTC.

**JH Beginning Raiders:** 7th and 8th Grade, Semester, Elective

15000000056

Description: MS (Beginning) Raiders is similar to a physical fitness class which focuses on physical endurance and conditioning. Most workouts are body weight exercises, Cardio (Running). This class is for the most dedicated cadets who are willing to push the limits and be prepared for any obstacle they may face. Counts as PE elective credit.

**Competitive Raiders:** 8th-12th Grade, Semester, Elective

15000000056

Description: The Competitive Raider Team focuses on physical endurance and conditioning. A Raider Team Competition normally includes a Physical Fitness Test, a 5KM road march with 20 Lbs. Rucksack, Raider Gauntlet (obstacle course), orienteering, and One Rope Bridge Competition. The team is VERY PHYSICALLY DEMANDING. The Raider Team has competitions first and second semester and practice is year round and will compete in an average of 5 meets per year, which may include Nationals in Daytona, Florida. Counts as a PE elective credit. **Selection through Tryouts.**

**JH Drill and Ceremony:** 7th Grade, Semester, Elective

15000000060

Description: This class is to give junior high students an introductory view to the movements, commands, discipline, and attention to detail that are necessary for military drill. This is not the competitive class found in high school, this is an entry level familiarization course. Color guard and

simulated armed drill will also be briefly covered.

**Competitive Drill:** 8th–12th Grade, Year, Elective

15000000060

Description: This is a fundamentals class to prepare current or future drill cadets for the Drill Team. This team performs in state and national drill competitions and demonstrations. Team practices are conducted during drill class. Before-school and after-school practices are sometimes needed to prepare for competitions. Cadets can earn a shoulder cord, the Drill Team Ribbon, and the Special Teams Placement Ribbon. Color Guard and Honor Guard also fall under Drill Team.

## Learning Strategies

**Supplemental:** 7th and 8th Grade, Year, Supplemental

23010000100

Description: Only available for students with IEPs. This course is designed to provide specialized instruction for targeted, individualized education goals for students with disabilities, including pre-teaching and reteaching core English, Math, and Reading content.

**JH ELL:** 7th and 8th Grade (ELL's only), Year, Elective

Description: English Language Learners take this class in preparation to be able to get a 5 on the WIDA Access Exam, an exam that tests academic language proficiency.

**JH Study Hall:** 7th and 8th Grade, Semester, Elective

Description: Students have the opportunity to do homework for classes, learn study skills, etc.

## PE, Health, and CTE

**JH Physical Education:** 7th and 8th Grade, Semester, Foundation

04050000010

Description: A middle school class that provides instruction in physical education and results in credit for core-required Intermediate Fitness, Team Sports.

**Health 1:** 8th Grade, Semester, Foundation

4010000001

Description: Health I is dedicated to teaching middle school students the skills they need to establish a healthy and safe lifestyle and enhance behaviors to resist unhealthy choices through adolescence.

**Hope Squad:** 7th-12th Grade, Semester, Elective

Description: Hope Squad is a peer-to-peer suicide prevention program. Hope Squad members are nominated by their classmates as trustworthy peers and trained by advisors. The program reduces youth suicide through education, training, and peer intervention. **Peer Nomination and teacher approval**

**JH Ballroom Dance:** 7th and 8th Grade, Semester, Elective

02020000040

Description: This course will provide social dance curriculum for a variety of the most popular social ballroom dances. It will include swing, cha cha, salsa, foxtrot, and waltz.

**JH Chess:** 7th and 8th Grade, Semester, Elective

**JH Life Skills:** 7th and 8th Grade, Semester, Elective

23010000330

Description: Life Skills is a hands-on class, in which students participate in various activities to apply their knowledge to real world experiences. This class is designed to develop basic living skills in foods, clothing management, consumer economics, child/human development, housing, parenting, and career and family.

**Digital Literacy:** 7th Grade, Semester, Foundation

32020000170

Description: This course is an introduction to computer literacy. This course introduces students to the fundamental concepts and operations necessary to use computers. Emphasis is placed on basic functions and familiarity with computer use. Topics include: computer terminology, introduction to the windows environment, introduction to networking, introduction to word processing, introduction to spreadsheets, and introduction to databases. An understanding of ethics and use of operating systems, information resources, and electronic mail is included.

**College and Career Awareness:** 7th Grade, Year, Foundation

39010000001

Description: The Technology, Life, and Careers (TLC) core course is an integrated exploratory program. The purpose is to allow students to be involved in activity-centered lessons which explore careers, utilize technology, and develop beginning skills. This course focuses on setting achievable college and career goals and helps students to visualize their future. An emphasis on assignment completion and timeliness is a major component in the College and Career Awareness curriculum.

**JH Spanish:** 7th and 8th Grade, Year, Elective

03070000005

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.



# High School Course Offerings

## Math

### **Secondary Math 1:** 9th Grade, Year, Foundation

7080000090

Description: The fundamental purpose of secondary mathematics I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Secondary Mathematics I uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### **Secondary Math 1 Honors:** 9th Grade, Year, Foundation/Advanced

7080000095

Description: Cadets 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. Cadets will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Cadets will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. This course will explore topics more in depth and move at a faster pace.

### **Secondary Math 2:** 10th Grade, Year, Foundation

7080000100

Description: The focus of secondary mathematics II is on quadratic expressions, equations, and functions and on comparing their characteristics and behavior to those of linear and exponential relationships from Secondary Mathematics I as organized into six critical areas, or units. The need for extending the set of rational numbers arises, and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles, with their quadratic algebraic representations, round out the course. The Mathematical Practice Standards apply throughout each

course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Secondary Math 2 Honors:** 10th Grade, Year, Foundation/Advanced 07080000105

Description: Cadets 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. This course will explore topics more in depth and move at a faster pace.

**Secondary Math 3:** 11th and 12th Grade, Year, Foundation 7080000110

Description: Cadets 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 of functions to include polynomial, rational, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems.

**AP Calculus:** 11th and 12th Grade, Year, Advanced 70400000001

Description: In this class you will learn to apply limits to define definite integrals and how the Fundamental Theorem of Calculus connects integration and differentiation. You'll apply properties of integrals and practice useful integration techniques. Topics include: Limits and Continuity; Differentiation; Applications of Differentiation; Integration and Accumulation of Change; Differential Equations; and Applications of Integration.

**Foundations of Math:** 9th and 10th Grade, Year, Elective 7070000115

Description: In Math Foundations, instructional time should focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples

**Math 1010 Intermediate Algebra:** 11th and 12th Grade, Semester, Advanced

7070013010

Description: Students will study real-life and real-data applications, data interpretation, problem solving, use of technology, estimation, critical thinking, and geometric concepts. Students must first take SM 1, 2, and 3.

**Math 1050 College Algebra:** 11th and 12th Grade, Semester, Advanced 7040013020

Description: Includes inequalities, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, systems of linear and nonlinear equations, matrices and determinants, arithmetic and geometric sequences, and the Binomial Theorem. Student must average a C or better in SM 1,2, and 3. This is a Concurrent Enrollment Course, offering both high school credit and college credit through Utah Valley University. Credit from this course is transferable to all colleges and universities.

**Personal Finance:** 11th and 12th Grade, Year, Applied

7070000020

Description: Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing.

## Language Arts

### Language Arts 9: 9th Grade, Year, Foundation

6020000040

**Description:** Participate in collaborative discussions and projects. Use formal and informal writing to support your thinking. Assess claims and arguments; make judgments about whether evidence is trustworthy and the reasoning is logical; identify weak statements and lies. Read and analyze the meaning of increasingly complex texts. Gain a better understanding of how ideas develop in an essay, article, or story. What We'll Read and Write: As a class, we will read Fahrenheit 451 by Ray Bradbury, Romeo and Juliet by William Shakespeare, Unbroken by Louise Hillenbrand, as well as Grimm's Fairy Tale. We will look at how a character changes over the course of a text. We look at figurative language and discuss how the author uses it to bring the text variety and create a more readable experience. What We'll Write: We will write one informative paper, one narrative paper, a four-page research paper, and two argument papers through the course of the year. We will be doing short responses daily and taking Cornell notes as we navigate through note-taking and preparing for tests and lectures.

### Language Arts 9 Honors: 9th Grade, Year, Foundation/Advanced

6020000045

**Description:** What We'll Read and Write: As a class, we will read Fahrenheit 451 by Ray Bradbury, Romeo and Juliet by William Shakespeare, Unbroken by Louise Hillenbrand, as well as, Grimm's Fairy Tale. We will look at how a character changes over the course of a text. We look at figurative language and discuss how the author uses it to bring the text variety and create a more readable experience. We will write one informative paper, one narrative paper, a four-page research paper, and two argument papers through the course of the year. We will be doing short responses daily and taking Cornell notes as we navigate through note-taking and preparing for tests and lectures. We will be writing detailed summaries using the text to provide textual details. **Requires teacher Recommendation from prior year.**

### Language Arts 10: 10th Grade, Year, Foundation

6020000050

**Description:** What We'll Read and Write: As a class we will read Julius Caesar by Shakespeare, Oedipus Rex by Sophocles and The Inferno by Dante Alighieri. Exploring themes, motifs, and use of language and how it helps us to understand a complex text. We will be using textual evidence to write summaries of the text. Over the course of the year we will write a narrative paper, a research paper, and 2 argument papers.

**Language Arts 10 Honors:** 10th Grade, Year, Foundation/Advanced

6020000055

Description: What We'll Read and Write: As a class we will read Julius Caesar by Shakespeare, Oedipus Rex by Sophocles and The Inferno by Dante Alighieri. Exploring themes, motifs, and use of language and how it helps us to understand a complex text. We will be using textual evidence to write summaries of the text. Over the course of the year we will write a narrative paper, 2 research papers, and 2 argument papers. We will be writing daily responses to the text/ journal prompts. We will do 2 projects that require students to create a product that will be shared with the class. **Requires teacher Recommendation from prior year, OR an A or B grade in previous honors class.**

**Language Arts 11:** 11th Grade, Year, Foundation

6020000060

Description: Language Arts 11 engages cadets in a study of American Literature. Texts we study include: The Crucible, Macbeth, and The Great Gatsby. Reading, analyzing, writing, and presenting play a significant role in each cadet enriching his/her ability to effectively communicate.

**Language Arts 12:** 12th Grade, Year, Foundation

6020000070

Description: Exploration of topics/trends in literature including reading Orwell's 1984 and Golding's Lord of the Flies. We will write informational and research-based essays as well as discuss the relevance of what we read to our own lives and the society in which we live.

**Creative Writing:** 9th–12th Grade, Semester, Applied

6010000120

Description: This course will focus on writing in various forms: poetry and prose. Students will have opportunities to explore the effects of nature, music, environments, others' words (quotes), works of art, etc. on their writing. This course may be used for Language Arts 12 credit.

**Speech and Debate:** 9th–12th Grade, Semester, Elective

6010000050

Description: A semester course that teaches the skills and strategies of good public speaking. Cadets will be learning the values of good argumentation and skillful debate practices. This course may be used for Language Arts 12 credit.

**Yearbook and Journalism:** 9th–12th Grade, Semester, Advanced

6010000090

Description: Students study the basic principles of print and online journalism as they examine the

role of media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and design school publications. This course may be used for Language Arts 12 credit.

### **AP English Language and Composition:** 11th and 12th Grade, Year, Advanced

6010000092

Description: The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.

### **CE English 1010:** 11th and 12th Grade, Semester, Advanced

6010000115

Description: Concurrent enrollment course offered in partnership with UVU. First semester college English.

### **CE English 2010:** 12th Grade, Semester, Advanced

Description: Emphasizes academic inquiry and research in the humanities and social sciences. Explores issues from multiple perspectives. Teaches careful reasoning, argumentation, and rhetorical awareness of purpose, audience, and genre. Focuses on critically evaluating, effectively integrating, and properly documenting sources. In addition to major essay assignments, may include in-class writing and collaboration, an annotated bibliography, oral presentations, and portfolios. High school prerequisites apply: Be a high school senior. **Prerequisites:** Completion of English 1010 at the high school with a C- or better. Or official ACT test scores of 29+ in English AND Reading OR earned ENGL 1010 credit by scoring 3 or higher on the AP English Language or AP English Literature Exam. AP exam scores must be submitted and recorded at UVU prior to prerequisite deadlines.

### **Mythology:** 9th–12th Grade, Semester, Elective

6010000130

Description: An exploration of Greek and Norse mythology through Rick Riordan's Percy Jackson and the Lightning Thief and Magnus Chase and the Sword of Summer.

**Mystery Fiction:** 9th–12th Grade, Semester, Elective

6010000075

Description: An exploration of the genre, featuring The Westing Game and Agatha Christie's Murder on the Orient Express.

**Fantasy Literature:** 9th–12 Grade, Semester, Elective

601005

Description: An exploration of the genre, including Howl's Moving Castle, Miss Peregrine's Home for Peculiar Children, and Roald Dahl's The Witches.

## Science

**Earth Science:** 9th–12th Grade, Year, Foundation

8040000010

Description: We will cover matter and energy in space, Earth's history and processes, how Earth systems interact, and changes in Earth's natural resources. Recommended for grade 9.

**Biology:** 9th–12th Grade, Year, Foundation

8020000010

Description: We will cover ecosystems, organization of living things, cells, genetic patterns, and evolutionary change. Recommended for grade 10.

**AP Biology:** 10th–12th Grade, Year, Foundation/Advanced

8020000001

Description: This course provides in depth coverage of the biological concepts taught in first year university biology courses and prepares Cadets for the national AP Biology exam. Must follow College Board guidelines. Cadets may receive college credit if they score 3 or higher on the AP exam. Biology is strongly recommended as a prerequisite. **Must have the teacher 's recommendation.**

**Chemistry:** 10th–12th Grade, Year, Foundation

8030000010

Description: Chemistry is the study of the structure and composition of matter that makes everything and how those substances interact with each other. Chemistry also deals with the study of the changes of matter and the mechanisms by which changes occur. This course is recommended to help get a basis for students interested in Medicine, Explosives, Some Environmental Sciences, Forensic Sciences or Pharmaceuticals. Recommended for grades 11 or 12.

**Honors Chemistry:** 10th–12th Grade, Year, Foundation/Advanced

Description: Chemistry is the study of the structure and composition of everything around us and how those objects interact. Chemistry also deals with the study of the changes of matter and the mechanisms by which changes occur. Honors Chemistry is a more in depth look into the topics of Chemistry. This course is recommended for students interested in Medicine, Explosives, some Environmental Sciences, Nuclear Sciences, Forensic Sciences, or Pharmaceuticals.



**Physics:** 11th and 12th Grade, Year, Foundation

08060000020

Description: The Physics course helps students recognize how and why objects act and interact the way they do. This science is the basis for almost all other sciences, and can give a deeper understanding of them. Students will learn about basic topics such as motion, forces, energy, work, momentum, heat and heat transfer, waves, electricity, and magnetism. This course is recommended for students interested in Engineering, Electronics/Electricity, Astronomy, or Nuclear Sciences.

**Astronomy:** 9th–12th Grade, Semester, Applied

08060000010

Description: Introduction to the study of stars, galaxies, and cosmology. Includes the nature of light and matter, formation of the universe, telescopes, spectroscopy, stellar formation and evolution, galaxies, and cosmology. This would be a good class for students interested in Astronomy, Physics, Stars or Nasa.

**Geology:** 10th–12th Grade, Semester, Applied

08040000030

Description: Course content will include plate tectonics, the changing earth surface, rocks, minerals, earthquakes, mountain building, water forces, geological time and Utah geology.

**Marine Biology:** 10th–12th Grade, Semester, Applied

08040000040

Description: We will cover how the ocean formed, the ocean floor, how the ocean moves, marine animals, and how human activity affects the ocean.

**BIOL 1010 CE:** 10th–12th Grade, Semester, Advanced

08040000040

Description: Introduces major themes and concepts of biology including cell and molecular biology, genetics, diversity, evolution, and ecology. Provides students with necessary information and skills to critically evaluate what they hear, read, and see in the living world; communicate clearly; and apply methods to interpret data for making informed decisions concerning the role of biology in a world of which they are a part. Live Interactive course.

**GEO 1010 CE:** 10th–12th Grade, Semester, Advanced

08040000040

Description: Studies planet earth: its materials, structure, dynamics, and surface features. Taken

alone it is designed for non-science students who want a broad introduction to earth science and a greater appreciation of their physical surroundings. Taken in conjunction with laboratory exercises in GEO 1015, the class is sufficiently rigorous to articulate as an introductory geology class. Live interactive course.

## Social Studies

**US History II:** 9th–12th Grade, Year, Foundation

9050000050

Description: The United States History course is a survey of United States History from the Civil War period to the present day. This Course makes history more meaningful to the students by presenting historical events through the eyes of the people who experienced them. History becomes more relevant by showing the students how people and events of the past connect to the present. Students will be taught critical thinking skills which will help them to become responsible and informed decision-makers. Students will be encouraged to become active citizens as a result of taking United States History. The course will afford students the opportunity to write critically by writing both free response essays and document-based questions.

**U.S. Government & Citizenship:** 11th and 12th Grade, Semester, Foundation

9060000020

Description: U.S. Government and Citizenship hopes to foster informed, responsible participation in public life. Knowing how to be a good citizen is essential to the preservation and improvement of the United States. Upon completion of this course the student will understand the major ideas, protections, rights, structures, and economic systems that affect the life of a citizen in the United States. Additionally, students will practice the skills needed to conduct inquiries, weigh evidence, make informed decisions, and participate in political processes. This course should nurture desirable dispositions including a commitment to the American ideals of liberty, equality, opportunity, and justice for all. This course is recommended for seniors due to their proximity to voting age.

**World Geography:** 9th–12th Grade, Semester, Foundation

9040000030

Description: This course examines the basic concepts and processes that shape human geography. Students will explore both the physical properties of Earth's surface and the human societies spread across it. Global and local patterns of population, migration, urbanization, environmental resources, agriculture, economies, climates, traditions, and languages and how these characteristics can connect or divide regions. Students will use a variety of interdisciplinary sources, both primary and secondary, such as maps, pictures, and documents to learn about the geography of different world regions.

**World History:** 9th–12th Grade, Semester, Foundation

9050000090

Description: Students will be studying the development of civilizations around the globe in order to understand the origins of today's world and our place in it. The course focuses on the development of

reading, writing, analytical and research skills necessary for understanding historical materials and to determine the origin, purpose, value, and limitations of historical sources. We will investigate the political, social, economic, religious, technological, cultural, and intellectual traditions in which our modern world has been built by examining the past, identifying and comparing various cultures around the world.

### **AP Human Geography:** 9th–12th Grade, Year, Foundation/Advanced

9040000010

Description: The Course is an introductory college course in human geography, is generally two semesters in length, with some variation among colleges. An AP Human Geography course need not follow any specific college course curriculum but is taught as a yearlong course in most high schools. The aim of the AP course is to provide students with a learning experience equivalent to that obtained in most college-level introductory human geography courses. The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. **Must have a 3.0 GPA or higher.**

### **Military History I:** 9th–12th Grade, Semester, Elective

Description: This course emphasizes the purpose of war, what were the outcomes and why. We will look at the operational, strategic, technology, and leadership characteristics. I also want to emphasize how the geographical, political, and economic environments have influenced battles/war. This is a semester class. We will look at previous military strategies from Jomini, Clausewitz, and Sun Tzu, and how they influenced US doctrine.

### **Military History II:** 9th–12th Grade, Semester, Elective

Description: This course emphasizes the purpose of war, what were the outcomes and why. We will look at the operational, strategic, technology, and leadership characteristics. I also want to emphasize how the geographical, political, and economic environments have influenced battles/war. This is a semester class. We will look at previous military strategies from Jomini, Clausewitz, and Sun Tzu, and how they influenced US doctrine.

### **Psychology A:** 9th–12th Grade, Semester, Elective

9070000010

Description: Why are people the way that they are? Why do they do the things that they do? What can

psychological science tell me about the world around me? And how can I use it to make the world a better place? Psychology is an interesting and fun subject that touches every aspect of our lives. In this course, you'll learn how the wonders of the human mind and the complexities of human behavior are studied scientifically. We will survey the vast array of topics studied by psychologists ranging from brain development to the behavior of social groups. Psychology A (1st Semester): Foundations of Psychology, Biological Bases of Psychology, Drugs/Addiction, Sleep/Dreams and Hypnosis, and Clinical Psychology (Abnormal Psychology and Therapy)

**Psychology B:** 9th–12th Grade, Semester, Elective

9070000010

Description: Psychology B is a continued study of Psychology during semester 2 with an emphasis on Development, Learning and Memory, Motivation and Emotion, Personality and Social Psychology. Psychology A is not a prerequisite for Psychology B.

**Psychology 1010 CE:** 11th and 12th Grade, Semester, Elective

Description: Concurrent Enrollment is a Utah Valley University High School partnership program, where qualified high school students can earn college credit before high school graduation. All courses are the same as those taught on the UVU campus, An official high school transcript and a permanent college transcript is generated for all Concurrent Enrollment courses. This course presents basic concepts within the field of psychology and their application to everyday human behavior, thinking and emotion. Emphasis is placed on students understanding basic psychological principles and their application within the context of family, work and social interactions. Topics include an overview of psychology as a science, the nervous and sensory systems, learning and memory, motivation and emotion, intelligence, lifespan development, personality, psychological disorders and their treatments, stress and health and social psychology. An introductory course in modern scientific psychology. Covers major domains of scientific psychology including biological foundations, sensations, perception, learning, motivation, human development and abnormal psychology. Examines major psychological and professional applications

**Sociology:** 11th and 12th Grade, Semester, Elective

9080000001

Description: An elective course centered on the behavior of people in groups. Topics included are socialization, institutions, social interaction, social change, collective behavior, and competition in society. Activities include library research, group activities and simulations.

**Current Events:** 9th–12th Grade, Semester, Elective

9060000030

Description: Elective course studies American Problems. Emphasis is on constitutional rights and responsibilities as well as contemporary issues.

**American Civilization/CE HIST 1700:** 10th–12th Grade, Semester, Advanced

9050013120

Description: Stresses movements and developing institutions that are important for an appreciation of American History from the Pre-Columbian period to the present. Discussions include analysis of developing political, economic, and social institutions and their interrelationships with, and impact upon, the geographical features of the land. Includes book reports, oral response, research papers, media presentations and applications to current events. **Must have a 3.0 GPA or higher.**

**CE Philosophy 2050:** 12th Grade, Semester, Advanced

9090013902

Description: Designed to investigate major philosophical ideas from the Pre-Socratic era to the present. Students should develop philosophical skills through supervised analysis of readings in epistemology (knowledge), metaphysics (reality), ethics (values), and social philosophy. Emphasizes the articulation, assessment, and discussion of fundamental religious, social, political issues through class discussions, lectures, media, and writing projects. **English 1010 is a prerequisite.**

**HUM 1010 CE:** 10th–12th Grade, Semester, Advanced

06010013080

Description: Studies the media and compositional elements of the various art forms (literature, music, visual arts, theater, film, dance, and architecture), for greater understanding and enjoyment. Teaches how to interpret artistic meaning by analyzing artworks formally as well as in their historical contexts, such as the predominant subject matters and styles of their period. Encourages students to integrate the arts into their daily lives habitually, so that they become lifelong learners and educators. Live interactive course.

**POLS 1100 CE:** 10th–12th Grade, Semester, Advanced

09060013001

Description: Studies history and structure of American National Government, rights and responsibilities of citizens, political institutions, political processes, and governmental policies. Live interactive course.

**PSY 1100 CE:** 10th–12th Grade, Semester, Advanced

Description: Explores genetic and environmental influences on human development and behavior from conception and birth through old age and death. Examines typical physical, cognitive, and psychosocial changes at each developmental stage throughout the life span. Explores major theoretical perspectives on human development. Live Interactive course.

## Fine Arts

**Drawing:** 9th–12th Grade, Semester, Elective

2010000045

Description: This course is for beginning–intermediate level students in grades 9th–12th. This course is designed to teach the basics of drawing and can apply to many different art forms. This course is perfect for a student who loves to draw and challenge different drawing styles. This class explores the basics of shading, perspective, drawing techniques, learning how to draw different subjects, etc. Projects allow the student to practice the techniques we learn about, such as cross hatching a still life, stippling an animal, drawing a hallway in 1 point perspective, and many more! The only materials used are art pencils, drawing paper, and some blending tools. Each student will learn new techniques, styles, and problem solving methods to take with them outside of class.

**Painting:** 9th–12th Grade, Semester, Elective

2010000100

Description: This course is for beginning level students in grades 9–12th. The course is built for secondary education but students might not have taken an art class before. This course is perfect for exploring the art world and creating an identity as a new artist. There are hands-on activities, interactive projects, and the practice of complex projects. As a class we explore different painting mediums, styles, and perspectives. Students will use different painting tools and techniques to understand their unique artistic expression. Our projects will branch out to curiosity and creative problem solving. Some projects include art history studies, monochromatic color schemes, and self portraits. Each student will get the opportunity to use oil, watercolor, tempera, and acrylic paints.

**Art Foundations I:** 9th–12th Grade, Semester, Elective

2010000061

Description: This course is for beginning level students in grades 9–12th. The course is built for secondary education but students might not have taken an art class before. This course is perfect for exploring the art world and creating an identity as a new artist. There are hands-on activities, interactive projects, and the practice of complex projects. As a class we explore different mediums, styles, and perspectives. Students will use different tools and techniques to understand their unique artistic expression. Our projects will branch out to curiosity and creative problem solving. Cadets will learn and review the Elements of Art (line, shape, form, color, texture, value, space) and the Principles of Design (balance, unity, variety, emphasis, pattern, movement, proportion). Some of these projects include; 3D cityscape, Papier-mâché, Clay Sculptures, Independent Study, and much more. In secondary education cadets will practice what they have learned and understand how it can be applied out of the classroom and high school.



**Art Foundations II:** 10th–12th Grade, Semester, Elective Intermediate

2010000061

Description: This course is for students in grades 9–12th. The course is built for secondary education and best for students who have taken an art class before. (**prerequisite ART FOUNDATIONS I**) This course is perfect for exploring the art world and creating an identity as a new artist. There are hands-on activities, interactive projects, and the practice of complex projects. As a class we explore different mediums, styles, and perspectives. Students will use different tools and techniques to understand their unique artistic expression. Our projects will branch out to curiosity and creative problem solving. Cadets will learn and review the Elements of Art (line, shape, form, color, texture, value, space) and the Principles of Design (balance, unity, variety, emphasis, pattern, movement, proportion). Some of these projects include; 3D cityscape, Papier-mâché, Clay Sculptures, Independent Study, and much more. In secondary education cadets will practice what they have learned and understand how it can be applied out of the classroom and high school.

**Photography:** 9th–12th Grade, Semester, Elective

2010000110

Description: This course is for beginning level students in grades 9–12th. The course is built for secondary education but students might not have any experience with photography. **This course is recommended for students with a working smartphone camera or DSLR camera.** Students will also need their chromebook for each class. This course is perfect for exploring the photography world and creating an identity as a new artist. There are hands-on activities, interactive projects, and the practice of complex projects. As a class we explore different types of photography, different ways to photograph, new styles, and the history of photography to modern day digital editing. Students will use different tools and techniques to understand their unique artistic expression. Our projects will branch out to their curiosity and creative problem solving. Cadets will learn history, lighting, staging, composition, stop motion, and so much more! In secondary education cadets will practice what they have learned and understand how it can be applied out of the classroom and after high school.

**Commercial Art:** 9th–12th Grade, Semester, Elective

40130000001

Description: This course is beginning–intermediate level students in grades 9th–12th. This course is applied in visual arts that focuses on the principles and techniques for communicating ideas and information for businesses and for target audiences. This includes visual media, typography, graphic design, illustration, and branding. Cadets will learn about the careers in the commercial art field, experiment within the artistic creative process, and understand and demonstrate typographic techniques.

**Mixed Choir:** 7th–12th Grade, Year, Elective

2040200001

Description: Mixed choir is an ensemble comprised of beginning to advanced singers, male and female. The course covers music history, music theory, and introductory vocal pedagogy. Training in sight singing, choral blend, concert etiquette, and expressivity will be developed throughout the year. Cadets are required to practice at home and participate in all performances.

**Ukulele Ensemble:** 7th–12th Grade, Year, Elective

2040300040

Description: This course serves as an introduction to the instrument and will provide cadets with instant access to making music on the ukulele. Focus points will be strumming and rhythms, chords, and reading sheet music. Cadets are required to practice at home and participate in all performances. **Parents are required to provide their cadet with their own instrument and supplies.**

**Intermediate Ensemble (Band & Strings):** 7th–9th Grade, Year, Elective

2040100001

Description: This class is open to all middle school and 9th grade cadets who have beginning to intermediate level experience. This course focuses on the development of instrument-specific technique, including embouchure, tone quality, intonation, articulation, rhythmic accuracy, technical facility, and basic music theory. Daily home practice and participation in all scheduled performances throughout the year are required. Parents will need to provide their student with an instrument (either through purchase or rental), method book and various supplies. Instruments that are options for beginners are flute, clarinet, alto saxophone, trumpet, trombone, tuba, violin, viola, cello, and percussion.

**Advanced Ensemble (Band & Strings):** 8th–12th Grade, Year, Elective Intermediate

2040100010

Description: Advanced Ensemble is open to all 9–12 grade cadets who have successfully completed at least one year of band or orchestra (8th graders only by audition.) This course focuses on both the continuing musical training necessary to play a wind instrument, string instrument or percussion, and the preparation and performance of music of various styles for public concerts and adjudicated festivals. Daily home practice and participation in all scheduled performances are required. **Parents will need to provide their student with an instrument (either through purchase or rental), method book, and various supplies.** Cadets are eligible to earn a varsity letter through participation in regional and state level competitions.

**Rock & Pop Ensemble:** 9th–12th Grade, Year, Elective Intermediate

2040300040

Description: Rock & Pop Ensemble is a performing ensemble course in which students learn to rehearse and perform via a small band (typically 4–8 members). Educational emphasis is placed on individual preparation, group communication and collaboration, creative exploration, music technology and stagecraft, small group leadership skills, and expanding students' knowledge of the contemporary music industry. Styles studied and performed include any and all major popular genres (i.e., rock, pop, R&B) and their related sub-genres. Cadets must possess previous vocal and/or instrumental experience related to popular genres (solo voice, acoustic and electric guitar, bass, drums, keyboards, etc.). Guitarists must have their own instrument.

**ART 1010 CE:** 10th–12th Grade, Year, Elective/Advanced

Description: Develops an appreciation of the visual arts by investigating the elements and principles of art, art criticism, art production, and the history of art. Includes written critiques and assignments. Requires students to identify works of arts and describe their significance in writing. Live interactive course.

## JROTC

### **Space Exploration:** 9th and 10th Grade, Year, Foundation

15000000060

Description: This course provides hands-on experience and the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets 9-10, under the supervision of AFJROTC instructors. Curriculum includes Aerospace Science, Leadership Education, Space Exploration, and Science of Flight.

### **Space Exploration:** 11th and 12th Grade, Year, Foundation

15000000060

Description: This course provides hands-on experience and the opportunity to put the theories of previous leadership courses into practice. All the planning, organizing, coordinating, directing, controlling, and decision-making will be done by the cadets 11-12th grade, under the supervision of AFJROTC instructors. Curriculum includes Aviation History, Leadership Education, Wellness, and Global Awareness.

### **Drill:** 8th-12th Grade, Year, Elective

15000000060

Description: This is a fundamentals class to prepare current or future drill cadets for the Drill Team. This team performs in state and national drill competitions and demonstrations. Team practices are conducted during drill class. Before-school and after-school practices are sometimes needed to prepare for competitions. Cadets can earn a shoulder cord, the Drill Team Ribbon, and the Special Teams Placement Ribbon. Color Guard and Honor Guard also fall under Drill Team.

### **Beginning Marksmanship (HS):** 9th-12th Grade, Semester, Elective

15000000060

Description: 18 Week course that consists of 3 weeks of a safety course, examination, and an introduction to Marksmanship. This is followed by a 15 week course of instruction. Cadets will shoot from the prone, standing, and kneeling positions at a 10m target. Cadets will be graded on participation and safety procedures along with overall performance in each category. Cadets will fire pellets only using 877 Daisy Air Rifles with .177 pellets. Safety protocol will be followed at all times and failure to follow these protocols will be an automatic removal from the course.

### **Advanced Marksmanship:** 10th-12th Grade, Semester, Elective

15000000060

Description: 18 Week course that consists of 3 weeks of a safety course, examination, and an

introduction to Marksmanship. This is followed by a 15 week course of instruction. Cadets will shoot from the prone, standing, and kneeling positions at a 10m target. Cadets will be graded on participation and safety procedures along with overall performance in each category. Cadets will fire pellets only using 877 Daisy Air Rifles with .177 pellets. Safety protocol will be followed at all times and failure to follow these protocols will be an automatic removal from the course. Goes into more detail of each position and competition requirements. Must have a referral from Beginning Marksmanship Instructor, as well as parent consent and Safety Course Completed.

**Beginning Survival:** 9th–12th Grade, Semester, Elective

1500000060

Description: 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. To train cadets in basic survival skills in order to endure for a span of several days until rescue.

**Advanced Survival:** 9th–12th Grade, Semester, Elective Intermediate

1500000060

Description: To train cadets to understand and perform skills to enable them to endure in a survival situation for a span of weeks or longer until rescue. Must have completed Survival Basic.

**Aviation Ground School:** 11th and 12th Grade, Semester, Elective

1500000056

Description: Cadets are enrolled in this class on a case by case basis based on academic performance. This class is taught by an FAA Certified Flight Instructor. Cadets will be taught the basics of flight in preparation to take the FAA Private Pilot written exam. The leadership hours of this class will discuss crew resource management, interpersonal communication, and aviation management. This class is a concurrent enrollment class that earns three credits at UVU in the Aviation Science Department. Must be 16 years of age by the time of the test in May.

**HS Beginning Raiders:** 9th–12th Grade, Semester, Elective

1500000056

Description: This is a high intensity fitness program to prepare cadets for the Raiders team. The Raider Team is a group dedicated to becoming the strongest version of themselves. There are team meetings and workouts throughout the week. During these meetings cadets participate in fitness exercises, land navigation, leadership reaction courses, and many other activities. Raider Team is for the most dedicated cadets who are willing to push the limits and be prepared for any obstacle they may face.

**Competitive Raiders:** 8th–12th Grade, Semester, Elective

15000000056

Description: The Competitive Raider Team focuses on physical endurance and conditioning. A Raider Team Competition normally includes a Physical Fitness Test, a 5KM road march with 20 Lbs. Rucksack, Raider Gauntlet (obstacle course), orienteering, and One Rope Bridge Competition. The team is VERY PHYSICALLY DEMANDING. The Raider Team has competitions first and second semester and practice is year round and will compete in an average of 5 meets per year, which may include Nationals in Daytona, Florida. Counts as a PE elective credit. **Selection through Tryouts.**

**JROTC Wing Staff:** 10th–12th Grade, Semester, Elective

15000000056

Description:

## CTE

**General Financial Literacy:** 10th–12th Grade, Semester, Foundation 1000000100

Description: Designed to prepare Cadets 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 investing, consumer protection, and risk management.

**Business Office Specialist:** 9th–12th Grade, Semester, Foundation 32020000216

Description: This course applies advanced concepts and principles using word processing, spreadsheets, databases, and electronic presentation software. Cadets will integrate applications learned. This course builds on skills included in Computer Technology.

**Exploring Computer Science:** 9th–12th Grade, Semester, Foundation 35020000007

Description: Exploring Computer Science is a 1 semester course designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software.

**Digital Graphic Art:** 9th–12th Grade, Semester, Foundation 32020000190

Description: This one semester course provides skill development in the electronic procedures of producing and editing publications. Cadets will create, format, illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced newsletters, flyers, brochures, reports, advertising materials, and other publications are emphasized. Proofreading, document composition, and communication competencies are also included.

**Computer Programming 1:** 9th–12th Grade, Semester, Foundation 35020000030

Description: An introductory course in computer programming/software engineering and applications. The course introduces Cadets to the fundamentals of computer programming. Cadets will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce concepts and problem solving skills to beginning Cadets through a programming language such as C++, C#, Java, Python, or JavaScript.

**Computer Programming 2:** 9th–12th Grade, Semester, Elective

35020000032

Description: An introductory course in computer programming/software engineering and applications. The course introduces Cadets to the fundamentals of computer programming. Cadets will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce concepts and problem solving skills to beginning Cadets through a programming language such as C++, C#, Java, Python, or JavaScript.

**Web Development 1:** 9th–12th Grade, Semester, Foundation

32020000280

Description: This semester course provides Cadets with an introduction to the Internet. Cadets will demonstrate a basic knowledge of the Internet and its tools through the use of email, search engines and browsers. HTML and Web publishing software will be used to create, format, illustrate, design, edit, and publish Web pages. Emphasis will be placed on the application of the Internet in business.

**Web Development 2:** 9th–12th Grade, Semester, Elective

32020000290

Description: This semester course is a continuation of skills developed in Internet I. This course provides skill development in the electronic procedures of producing, editing, publishing, and maintaining documents on the Internet. Web publishing software and HTML are used to develop the competencies of creating, formatting, illustrating, designing, editing/revising, and publishing documents on the World Wide Web. Proofreading, document composition, and communication competencies are included.

**Game Development Fund. 1:** 9th–12th Grade, Semester, Elective

35020000045

Description: This course is designed to provide Cadets with knowledge and project based experience of fundamental gaming development concepts relating to STEM. These concepts include game design, scripting, creation of digital assets, graphic resources, animations, understanding hardware, problem solving, critical thinking, collaboration, and project management.

**Game Development Fund. 2:** 9th–12th Grade, Semester, Elective

35020000046

Description: This course follows Game Development Fundamentals 1 and expands on the lessons learned there. There is a more comprehensive focus on scripting, project management, and animation. This course should only be attempted by Cadets who have passed Game Development Fundamentals 1.



**Video Production:** 9th–12th Grade, Semester, Elective

40010000030

Description: This course is designed to provide Cadets 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, preprod, and other areas.

**Network Fundamentals:** 10th–12th Grade, Year, Elective

35010000030

Description: Utah's Network Fundamentals are based on CompTIA 2011 Network+ Objectives. The CompTIA Network+ certification is an internationally recognized validation of the technical knowledge required of foundation level IT network practitioners.

**Cyber Security – Ethical Hacking:** 11th and 12th Grade, Year, Elective

35010000036

Description: This course will provide Cadets with information on network security including industry wide topics on communication security, infrastructure security, cryptography, access control, authentication, external attack and operational and organization security. This course will also prepare Cadets for the MTA Security Fundamentals and the CompTIA Security+ IT industry certification exams.

**Linux Fundamentals:** 10th–12th Grade, Semester, Elective

35010000025

Description: This course will provide students with a broad awareness of Linux operating systems and prepare them for the CompTIA Linux+ IT industry certification. The Linux+ certification validates technical competency and is a new standard of competency for technical training.

**A+ Computer Maintenance & Repair Certification Based:** 10th–12th Grade, Year,

Elective

35010000040

Description: Cadets will learn necessary competencies for an entry level IT professional including installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing, and performing preventive maintenance of basic personal computer hardware and operating systems.

**Law Enforcement:** 9th–12th Grade, Semester, Elective

40060000000

Description: A course that prepares individuals to perform the duties of police and public security officers, including patrol and investigative activities, traffic control, crowd control, public relations,

witness interviewing, evidence collection and management, court procedures and the law in general. Basic crime prevention methods, weapon and equipment operation, equipment maintenance, and other routine law enforcement responsibilities are also included.

**Intro to Criminal Justice:** 9th–12th Grade, Semester, Elective

40060013103

Description: CTE course covering the basics of law enforcement, the courts, and the corrections system.

## PE and Health

**Individual Lifetime Activities:** 9th–12th Grade, Semester, Foundation 4020000060

Description: Core course that provides instruction in up to three lifetime sports activities and physical fitness.

**Participation Skills:** 9th Grade, Semester, Foundation 4020000060

Description: This semester class 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.

**Fitness for Life:** 10th Grade, Semester, Foundation 4020000030

Description: Core required class that provides comprehensive instruction in nutrition, fitness activities, and self-assessment.

**Health II:** 9th–12th Grade, Semester, Foundation 4010000010

Description: Health is a semester-long course that will guide students through many dimensions of health and wellness. Students will develop necessary skills needed in confronting difficult situations. By the end of the semester students will understand health prevention and promotion techniques that will aid them in maintaining a healthy lifestyle.

**Military Fitness:** 9th–12th Grade, Semester, Elective 4020000010

Description: High School Class taken for elective credit (does not count as a PE credit). This course is for cadets interested in attending US Military Academies, or preparing for enlistment in a military branch.

**Beginning Weight Training:** 9th–12th Grade, Semester, Elective 4020000056

Description: To teach cadets the basic understanding of weight training and the benefits that come with a different form of exercise.

**Advanced Weight Training:** 9th–12th Grade, Semester, Elective

4020000056

Description: This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. **Prerequisite: Beginning Weight Training**

**Advanced Athletic Training:** 9th–12th Grade, Semester, Elective

4030000200

Description: A class for cadets on school athletic teams, especially focused on basketball. This class is designed to improve skills for competitive sports. **Prerequisite: MUST BE APART OF ATHLETIC PROGRAM.**

**Archery:** 9th–12th Grade, Semester, Elective

Description: Teaches the main components and fundamentals of archery.

**HS Ballroom Dance:** 9th–12th Grade, Semester, Elective

02020000040

Description: This course will provide a social dance curriculum for a variety of the most popular social ballroom dances. It will include swing, cha cha, salsa, foxtrot, and waltz.

## Foreign Languages

### **Spanish 1:** 9th–12th Grade, Year, Foundation

3070000011

Description: This is the first year of High School Spanish. Students learn to talk about a variety of topics: their family, their likes, dislikes, weekly routines, school life, and home life. Students will read, write and do listening and speaking activities on everyday topics. At the end of this class students should be able to say simple sentences about everyday things.

### **Spanish 2:** 9th–12th grade, Year, Advanced

3070000021

Description: This is the second year of High School Spanish. Students will begin this year by reviewing Spanish 1 topics such as: discussing their family, their likes, dislikes, weekly routines, school life, and home life. Students will read, write and do listening and speaking activities on everyday topics: shopping, their daily routines, around town, occupations, vacations, and their childhood. At the end of this class students should be comfortable with stringing together strings of sentences about everyday things.

### **Spanish 3:** 9th–12th Grade, Year, Advanced

3070000031

Description: Spanish 3 is a continuation of Spanish 1 and 2. Prior to beginning Spanish 3 students needed to have passed and taken Spanish 1 and 2. Native Speakers would most likely be placed in this class. Prior to taking this class students should be able to discuss and answer questions about the following topics: likes, dislikes, weekly routines, school life, and home life, shopping, their daily routines, around town, occupations, vacations, and their childhood. Students will continue to do a variety of reading, writing, listening, and speaking activities on the following topics: last summer, friendship, childhood, fairy tales, solving interpersonal conflicts, media and news, professions, and the world around them. Students should feel comfortable talking about a variety of everyday topics using the following tenses: present, past, imperfect, subjunctive, conditional, and future tense at the end of the year.

### **ELL High School:** 9th–12th Grade, ELL's only

Description: English Language Learners take this class in preparation to be able to get a 5 on the WIDA Access Exam, an exam that tests academic language proficiency.

## Electives

**Teacher Assistant:** 11th and 12th Grade, Semester, Elective

25010000010

Description: Course used for Cadets serving as a Cadet aide/assistant. NOT available to Grades 9 and 10.

**Office Aide:** 11th and Grade, Semester, Elective

25010000010

Description: Course used for Cadets serving as a Cadet aide/assistant. NOT available to Grades 9 and 10. Must be recommended.

**HS Study Hall:** 9th–12th Grade, Semester, Elective

Description: Students have the opportunity to do homework for classes, learn study skills, etc.

**ACT Test Prep:** 11th and 12th Grade, Semester, Applied

15000000002

Description: ACT Prep is a course that allows students to prepare for the college entrance tests with a primary focus on the ACT test. This class is designed for Juniors and Seniors who want to score well on their ACT test or to improve their ACT scores. One term will be focused on math testing strategies taught by a math teacher. The other term will be focused on English testing strategies taught by a language arts teacher. You will take practice ACT tests and receive many resources to study.

**HS Life Skills:** 9th–12th Grade, Semester, Elective

Description: Life Skills is a hands-on class, in which students participate in various activities to apply their knowledge to real world experiences. This class is designed to develop basic living skills in foods, clothing management, consumer economics, child/human development, housing, parenting, and career and family.

**HS Chess:** 9th–12th Grade, Semester, Elective

**Adulting 1 (Transition):** 9th and 10th Grade, Semester, Elective

Description: This is a career and college prep class where we take the time to explore different career options, post secondary education options, and learn life skills needed to navigate adult life such as social media safety, home management, finances, self advocacy, and more.

**Adulting 2 (Transition):** 11th and 12th Grade, Semester, Elective

Description: This is a career and college prep class where we take the time to explore different career options, post secondary education options, and learn life skills needed to navigate adult life such as insurance, grocery shopping, housing, and more.

**Seminary:** 9th–12th Grade, Year, No Credit

Description: A release period where students enroll in a religious class. All 9–12 grade students are invited, regardless of their religious beliefs. This class does not receive credit for high school graduation, but students can receive Seminary credit towards a Seminary diploma.

**HOPE Squad:** 7th–12th Grade, Semester, Elective

Description: Hope Squad is a peer-to-peer suicide prevention program. Hope Squad members are nominated by their classmates as trustworthy peers and trained by advisors. The program reduces youth suicide through education, training, and peer intervention. **Peer Nomination and teacher approval**

**Student Body Officer:** 7th–12th Grade, Semester, Applied

9060000051

Description: This course is designed for cadets who have been elected as a Student Body Officer. Emphasis will be on developing communication skills, organization, goal setting, character, conflict resolution and citizenship.

**Supplemental Studies:** 9th–12th Grade, Year, Foundation for SPED

23010000100

Description: Focus on the IEP goals and minutes of special education students.

