Rising to excellence in every pursuit

FARMINGTON
MUNICIPAL SCHOOLS

HIGH SCHOOL

COURSE CATALOG

2025-2026

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TO ALL HIGH SCHOOL STUDENTS AND PARENTS:

All high school students will make many decisions concerning their education. Among the most important of these decisions is the selection of courses to be studied. Whether you plan to attend college, go to a vocational-technical school, enter the workforce, or join the military, these are extremely important decisions.

Course selections should be made carefully, considering both the student's future goals and graduation requirements. College-bound students should immediately map out a course of study that consists of the required core courses. Students should seek the advice of parents, counselors, teachers, mentors and administrators. A close relationship among these groups can help ensure appropriate choices.

The high school master schedules are developed after students make course choices. As a direct result of these decisions, the course sections available are determined by the choices made by students during their course selection process. Although some conflicts will arise, every effort will be made to enroll students in the courses that they select. Please register accurately and give careful consideration to the selections made.

Farmington Municipal Schools has four high schools: Farmington High School (FHS), Piedra Vista High School (PVHS), Rocinante High School (RHS), and San Juan College High School (SJCHS.) **Not all courses will be offered at all campuses, be sure to check with your high school for offerings and availability**.

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State of New Mexico

GRADUATION REQUIREMENTS

Classes: 2025, 2026, 2027, & 2028

ENGLISH 4

MATH 4

SOCIAL STUDIES 3.5

SCIENCE 3

PHYSICAL EDUCATION 1

CAREER AND TECHNICAL EDUCATION/FOREIGN LANGUAGE 1

ELECTIVES 7

HEALTH .5

GRADUATION REQUIREMENTS
Beginning with Class of 2029

ENGLISH 4
MATH 4
SOCIAL STUDIES 4
SCIENCE 3
PHYSICAL EDUCATION 1
ELECTIVES 7.5
HEALTH .5

FMS Dual Credit Core Equivalencies

FMS high school students can utilize select San Juan College dual credit courses to meet "core credit" for specific courses in Math, English, Social Studies, and Science to meet NM Graduation requirements. Students utilizing these equivalent courses should first meet with their High School Counselor and/or their High School College & Career Counselor before registering for these courses to utilize these classes as core credit.

NCAA Eligibility Center

If you are a prospective NCAA athlete, please review their guidelines as they may have different course requirements from NM High School Graduation Requirements. The NCAA Eligibility Center (formerly known as the NCAA Clearinghouse) is an organization that helps determine the eligibility of student-athletes to participate in college-level sports in the United States. The NCAA Eligibility Center ensures you meet academic and amateurism requirements by reviewing your transcripts and amateurism questionnaire, with rare cases requiring additional information. Please visit to learn more about NCAA requirements.

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GRADUATE PROFILE

COMMUNITY & CIVIC CONNECTION	Graduates will be prepared for civic engagement and make connections to local community resources and partners.
CRITICAL & CREATIVE THINKER	Graduates will work independently and collaboratively address problems, by offering solutions.
LIFELONG LEARNER	Graduates will develop understanding of varied content knowledge and manage their academic plan for their chosen career.
PERSONAL SKILLS	Graduates will demonstrate college and/or career readiness skills that are aligned with the current workforce demands.
SELF ACTUALIZATION	Graduates will identify their personal potential, embrace challenges as growth opportunities, and strive for self-fulfillment.
WELLNESS	Graduates will self-regulate and utilize strategies to make choices that promote physical, mental and emotional health and safety.

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English Language Arts

English 9

Grade 09 (1 credit)

Description: English Language Arts for 9th grade builds on students' prior knowledge of grammar, reading and writing skills. The course focuses on introducing students to analytical and critical thinking skills through non-fiction informational and fictional literature texts. Students will practice expository writing and written expression in a variety of genres.

English 10

Grade 10 (1 credit)

Description: Course offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. The study of literature encompasses various genres as students improve their reading rate and comprehension and develop the skills to determine authors' intent and theme and to recognize the techniques employed by the author to achieve the goal.

English 11

Grade 11 (1 credit)

Description: Primarily focused on American literature and the issues surrounding American History. Topics may include, but not limited to: sources and research, the difference between themes and main ideas, point of view, purpose, claims, evidence, and reasoning. With a variety of topics, ELA 11 is intended to be a survey of several topics that will set students up for literacy and success in their senior year and beyond.

English 12

Grade 12 (1 credit)

Description: Course blends composition and literature into a cohesive whole, as students write critical and comparative analyses of selected literature. Typically, multi paragraph essays predominate as the form of student composition, but one or more major research papers may also be written.

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AP English Language and Composition
Course number 1012

** Course equivalent of English 11 or English 12*

Description: Course is designed to parallel college level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. Emphasis is placed on the interaction of authorial purpose, intended audience, and the subject at hand; students learn to develop stylistic flexibility as they write compositions covering a variety of subjects and intended for various purposes. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

AP English Literature/Composition
Course number 1013

** Course equivalent of English 11 or English 12*

Description: Course is designed to parallel college level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

AP Seminar
Course number 0897

** Course equivalent of English 10 or English 11*

Description: This course engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students to precisely analyze and evaluate information in order to craft and communicate evidence-based arguments. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

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AP Research

Grade: 11-12 (1 credit)

** Course equivalent of English 11 or English 12*

Description: This course allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan and conduct a yearlong mentored, research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methods; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. The course culminates in an academic thesis paper of approximately 5,000 words and a presentation, performance, or exhibition with an oral defense. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

Mathematics

Algebra I

Grade: 9 (1 credit)

Description: This class is designed to equip students with essential math skills, covering topics such as equations, functions, and problem solving strategies.

This course aligns to the high school standards for Algebra I and formalizes and extends the mathematical concepts. The critical areas include: (1) relationships between quantities and reasoning with equations; (2) linear and exponential relationships; (3) descriptive statistics; (4) expressions and equations; and (5) quadratic functions and modeling. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.

Geometry

Grade: 10 (1 credit)

Description: This course aligns to the high school standards for Geometry and is designed for students who have attained Algebra I objectives. This course formalizes and extends geometric concepts by exploring more complex geometric situations and deepening explanations of geometric relationships, moving towards formal mathematical arguments. The six critical areas include: (1) congruence, proof, and constructions; (2) similarity, proof and trigonometry; (3) extending to three dimensions; (4) connecting algebra and geometry through coordinates; (5) circles with and without coordinates; and (6) applications of probability. The Standards for Mathematical Practice apply throughout this course, and together with the content standards,

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prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.

Algebra II

Grade: 11-12 (1 credit)

Description: This course aligns to the high schools standards for Algebra II and is designed for students who have attained Algebra I and Geometry objectives. Building on their work with linear, quadratic, and exponential functions students extend their repertoire of functions to include polynomial, rational, and radical functions. The four critical areas for Algebra II are: (1) polynomial, rational, and radical relationships; (2) trigonometric functions; (3) modeling with functions and (4) inferences and conclusions from data. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.

Modernized Algebra II

Grade 11-12 (1 credit)

Description: This course covers all of the topics in Algebra II (see above) in **one semester.**

Financial Literacy Math

Grade: 11-12 (1 credit)

Description: This course provides an understanding of the topics of finance while reinforcing concepts and skills in the high school mathematics standards. This course aligns to at least the Algebra I standards. The finance topics may include: income and careers; money management; credit and debt; and savings and investing. Topic sections cover: personal income, business ownership; budget; taxes; insurance; credit cards; buying versus leasing; mortgages; rent; credit ratings; bankruptcy, bank and brokerage accounts; interest rates; stocks and bonds; retirement; pensions; inheritance; and government financing. The Standards for Mathematical Practice apply throughout this course and, together with the content standards, prescribe mathematics as a coherent, useful, and logical subject that makes sense of problem situations.

Applied Math

Grade 11-12 (1 credit)

This course is designed for students who have mastered Algebra 1 and Geometry objectives and should not be the first time students learn these concepts.

This course places an emphasis on application to mechanical and medical trades. Students will experience math as a coherent, useful and logical subject that makes use of their ability to make sense of problem situations and enter the workforce and understand the math associated with the job.

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Probability & Statistics

Grade: 11-12 (1 credit)

Description: This course is designed for students who have attained Algebra I and Geometry objectives; learn to interpret graphs, create statistical models, and understand probability and confidence intervals. This course aims to support students in applying statistical concepts and methods to solve real-world problems and examine real-life scenarios based on data analysis. Four critical areas addressed in the course include: (1) Interpret categorical and quantitative data; (2) Make inferences and justify conclusions; (3) Apply conditional probability and probability rules and interpret data using rules of probability; (4) Apply probability to make decisions and use probability to evaluate outcomes of decisions. Appropriate use of technology is important in statistical applications.

AP Pre Calculus

Grade: 11-12 - (1 credit)

Description: This course is higher than the level of Algebra II and is designed for students who have attained Algebra II objectives, in preparation for a calculus course. Precalculus incorporates algebraic, graphical, numerical and verbal analysis through the study of complex numbers; expanded understanding of polynomial and rational, logarithmic and exponential, and trigonometric identities and equations; vectors; the polar coordinate system; conic sections; and an introduction to limits. Application based problem solving using appropriate technology tools is an integral part of the course.

AP Calculus AB (1)

Grade: 11-12 - (1 credit)

Description: This course is higher than the level of Algebra II. AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate of change problems); and integral calculus (including anti-derivatives and the definite integral).

AP Calculus BC (II)

Grade: 11-12 - (1 credit)

Description: This course is designed for students who have completed algebra, geometry, and pre-calculus. It emphasizes a multi-representational approach using graphical, numerical, analytical and verbal methods to solve problems. Students learn to apply calculus concepts to real world situations and interpret results. The AP Calculus AB curriculum covers the following topics: limits and continuity, derivatives, integrals, and differential equations.Students will

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develop critical thinking and problem solving skills, have preparation for college level mathematics courses, enhance their analytic reasoning skills, and build a foundation for understanding complex systems and phenomena. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. Addresses AP standards.

AP Statistics

Grade: 11-12 - (1 credit)

Description: This course is higher than the level of Algebra II. AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data (observing patterns and departures from patterns), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulation), and statistical inference (confirming models). This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. Addresses AP standards.

Sciences

Biology

Grade 9 (1 credit)

Description: This course introduces students to the foundational concepts of life sciences. This course is designed to build an understanding of the living world through observation, hands-on activities, and real world connections. Students will explore core biology concepts including: from molecules to organisms; structure and processes; matter and energy in organisms and ecosystems; interdependence in ecosystems; inheritance and variation of traits; natural selection and evolution; Earth and human activity.

Honors Biology

Grade 9 (1 credit)

Description: A rigorous course designed for students to explore the scientific principles underlying the diversity and connectedness of life. Students will achieve this knowledge through projects, labs, research projects, and hands-on activities. Students will explore core biology concepts including: from molecules to organisms; structure and processes; matter and energy in organisms and ecosystems; interdependence in ecosystems; inheritance and variation of traits; natural selection and evolution; Earth and human activity. This course will prepare students for higher level biology courses such as Advanced Placement (AP) or Dual credit.

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AP Biology

Grade: 10-12 (1 credit)

**Prerequisite Biology*

Description: Typically taken after a year of high school biology and chemistry and designed to parallel college level introductory biology courses, AP Biology courses stress basic facts and their synthesis into major biological concepts and themes. Three general areas are covered: molecules and cells (including biological chemistry and energy transformation); genetics and evolution; and organisms and populations (i.e., taxonomy, plants, animals, and ecology). AP Biology courses include college level laboratory experiments.

AP Environmental Science

Grade: 10-12 (1 credit)

**Prerequisite Biology*

Description: Course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. Follows AP standards.

Chemistry

Grade 10 (1 credit)

**Prerequisite Algebra I*

Description: This course addresses the topics of: basic problem solving skills, from the structure and properties of matter; naming and writing of chemical formulas, chemical reactions, and stoichiometry. Additional topics will include: energy, thermochemistry, kinetics, solutions, equilibrium and acid-base systems, and nuclear chemistry. Students will develop analytical and critical thinking skills through projects, labs, and hands-on activities as the topics are explored.

Honors Chemistry

Grade 10 (1 credit)

** Prerequisite Algebra I*

Description: This course is designed for students to delve deeper into the topics listed for Chemistry (see the description above) and at a faster pace. This course will prepare students for higher level biology courses such as Advanced Placement (AP) or Dual credit.

AP Chemistry

Grade: 09-12 (1 Credit)

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**Prerequisite Biology and Chemistry*

Description: Course designed to parallel college level general chemistry courses; AP Chemistry courses usually follow high school chemistry and second year algebra. AP Chemistry courses require more time, effort, and formulation from students than regular secondary chemistry courses. Topics may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses. *May include a summer project.*

Physics

Grade 11 (1 credit)

** Prerequisite Algebra I*

Description: The area of study for this course includes: engineering design, forces and interactions, energy, thermodynamics, light, electricity, magnetism, waves and electromagnetic radiation, and space systems. Emphasis is placed on laboratory investigations and designing solutions to problems using mathematics to describe and explain phenomena. Students must be proficient in algebra for this mathematically intensive course.

AP Physics I

Grade: 11-12 (1 credit)

**PrerequisiteAlgebra 1 and Algebra II suggested*

Description: Algebra based physics course emphasizing the principles of mechanics that will form the basis for college studies in science, engineering, and technology. Course content includes the following areas: kinematics, motion, energy, sound waves and electrostatics. The course is rigorous and requires students to be highly motivated. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. Follows AP standards.

Human Anatomy and Physiology I

Grades 10-12 (1 credit)

** Prerequisite Biology*

Description: This course is an introduction to human anatomy and physiology. The course will define medical terminology, including prefixes, suffices, and medical root words. Students will study the organization of the human body and the function of each level, the systems of the human body, how the body systems work together, injuries, illnesses and diseases of the human body. This course is recommended for students interested in a career in the medical field, want to learn more about their own body, or students who want to go into a science related field. This course will include lecture, hands-on activities, and labs. **Students should be prepared to**

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perform in class dissections. An alternative assignment may be given with prior approval from the instructor.

Human Anatomy and Physiology II

Grades 11-12 (1 credit)

* *Prerequisite Anatomy I*

Description: This is the second of a two-course sequence of Human Anatomy and Physiology I. This course is designed for students interested in a medically related field of study. This course will help prepare students for college anatomy and physiology. Specific areas of study include: in depth skeletal and muscular anatomy, the anatomy, physiology etiology, treatment and management of injuries, illnesses and diseases, introduction to nutrition, and the body's healing processes. **Students should be prepared to perform in class dissections. An alternative assignment may be given with prior approval from the instructor.**

Earth and Space

Grades 9-12 (1 Credit)

Description: This year long course focuses a semester on Astronomy and a semester on Geology. As an application based course the Geology focus will be on earth's materials including rocks and minerals, plate tectonics, large-scale system interactions, water's role in Earth's surface processes, weather and climate, and hazard mitigation via engineering design. Astronomy's focus will include: planets, stars, the solar system and the Big Bang. This course is a combination of lecture and laboratory activities.

Engineering I *** Move to electives

Course number 0964

Grades 9-12 (1 credit)

Description: Students will learn how to apply math, science, and engineering standards to solve problems through research, design, and building. They will also learn how to document their work and collaborate with others. Students will be introduced to a variety of engineering fields, and will participate in hands-on projects using various materials and tools. Students will learn how to safely operate hand tools and machines. Problem solving skills will improve through research, project design and redesign, and communication skills will develop as they present results and findings through presentations and documentation.

Engineering II*** Move to electives

Course number 0965

Grades 10-12 (1 credit) Prerequisite Engineering I

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Description: This is the second of a two course sequence This is a project based course that will explore energy transformations by applying math, science and engineering standards to solve problems through research, design, and building.

Forensics

Grades 10-12 (1 credit)

***Course may not count for NCAA Core*

Description: A hands-on, investigative course designed for high school students interested in the application of science to the criminal investigation and justice system. This engaging course combines principles of biology, chemistry, physics, and earth science to examine how scientific methods are used to solve crimes. Students will develop critical thinking and analytical skills as they learn the procedures and techniques involved in modern forensic science. Throughout this course, students will explore topics including CSI, Criminal Justice, fingerprint analysis, blood spatter analysis, toxicology, and forensic anthropology. By working through real world scenarios and case studies, students will learn the scientific principles and legal standards that guide forensic investigations. This course emphasizes attention to detail, problem-solving, and ethical responsibilities of forensic scientists. It also provides a solid foundation for students interested in pursuing a career in law enforcement, criminal justice, and other related sciences. **Students should be prepared to perform in class dissections. An alternative assignment may be given with prior approval from the instructor.**

Zoology

Grades 10-12 (1 credit)

** Prerequisite Biology*

Description: This course is designed to familiarize students with the animal kingdom. Areas of study include animal anatomy, taxonomy, ecology, evolution, and behavior. The course is lab based with an emphasis on dissection and field activities. Student lab fees cover the cost of dissection materials. Fall semester begins with the study of simple animals and continues through more complex animals. Once this is completed students will study the relationships between organisms including ecological systems and the diversity of life upon Earth. Students will gain a perspective of the role we play as stewards and managers of wildlife. Guest speakers and different wildlife will be a part of the classroom experience. **Students should be prepared to perform in class dissections. An alternative assignment may be given with prior approval from the instructor.**

Robotics *move to electives

Grades 10-12 (1 credit)

** Course may be eligible to count as HS science credit. Please see your counselor.*

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Description: Through the use of emergent technologies students use project based experiences to explore scientific theories, processes, and engineering design. Students will compete in VEX Robotics and Aerial Drone competitions.

Social Studies

New Mexico History
Course number 2717
Grade 9 (.5 credit)
Description: Survey course supports students to become more knowledgeable and aware of the historical, cultural, economics and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas.

World History & Geography
Course number 2706
Grade 10 (1 credit)
Description: This course covers the major eras and important turning points in world history from the Age of Enlightenment to the present. Included with this course is world geography to support geographical concepts as they relate to the understanding of the changes throughout the world.

U.S. History
Course number 2721
Grade 11 (1 credit)
Description: In this course, students will investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business, and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems. Provides an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. Political, military, scientific, and social developments are typically included in the historical overview.

U.S. Government & Economics
Course number 2730 & 2741

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Grade 12 (1 credit)

Description: Government provides an understanding of the ideals, rights, and responsibilities of citizenship and understands the content and the history of the founding documents of the United States including New Mexico and the United States constitutions and how governments function at the local, state, tribal, and national levels. Economics provides for an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems, including market economy, on individuals, families, businesses, communities, and governments.

AP Government & Politics United States
Course number 2736

Grade: 11-12 (1 credit)

** Course equivalent of US Government & Economics*

Description: Course prepares students for the AP exam in the U.S. Government and Politics. These courses provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the following topics: constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, and civil rights and liberties.

AP World History
Course number 2755

Grade: 11-12

** Course equivalent of World History and Geography*

Description: The purpose of this course is to develop greater understanding of the evolution of global processes and contracts, in interaction with different types of human societies. Focused primarily on the past 1,000 years of global experience, the course builds an understanding of cultural, institutional, and technological precedents that, along with geography, set the human state prior to 1000 C.E. This course will also include a geography component to meet the state curriculum requirements.

AP United States History
Course number 2725

Grade: 11-12

** Course equivalent of U.S. History*

Description: Course prepares students for the AP exam in U.S. history and provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students learn to assess historical materials, and to weigh the

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evidence and interpretations presented in historical scholarship. The course examines time periods from discovery and settlement of the New World through the recent past. This course will also include a geography component to meet the state curriculum requirements.

AP Human Geography
Course number: 2787

Grade: 11-12

Description: Course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They will also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geographic Standards (2012) and is the equivalent to an introductory college-level course in human geography.

FMS Elective Offerings

Electives- Foreign Languages

Spanish I

Grade 9-12 (1 credit)

Description: Designed for students with little exposure to Spanish, this course develops basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication at the Novice Level of proficiency based on ACTFL guidelines. This is an introductory course aimed at helping the student to communicate in Spanish in everyday familiar situations via recognition and production of practiced or memorized words, phrases, and simple sentences.

Spanish II

Grade 9-12 (1 credit)

** Prerequisite Spanish I*

Description: This course continues to develop basic listening, speaking, reading, and writing skills and basic intercultural competence in interpretive, interpersonal and presentational modes of communication. Students in this course communicate in Spanish in familiar topics using a variety of words, phrases, simple sentences, and questions that have been highly practiced and memorized.

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Spanish III

Grade 9-12 (1 credit)

** Prerequisite Spanish 1, II*

Description: This course further refines, reinforces, and develops the skills and cultural awareness previously acquired in the first two levels. A greater emphasis will be placed on reading and communicating orally and in writing. This is an intermediate course aimed at helping students to communicate in Spanish on familiar topics about self, others, and everyday life while functioning in short social interactions in everyday situations.

AP Spanish Language and Culture

Grade: 09-12 (1 credit)

Description: Course is designed to parallel third year college level courses in this category build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Upon completing these courses, students will develop a large enough vocabulary to understand literary texts, magazine/ newspaper articles, films and television productions, and so on. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. If this course/class is part of a vertically aligned sequence of eligible courses, it may be considered to be part of a state-funded bilingual program.

Electives- Bilingual Multicultural Education Programs

State-funded BMEPs goals are for all students, including English Learners (ELs), to become bilingual and biliterate in English and a second language, including Spanish, a Native American language, where a written form exists and there is tribal approval, or another language; and to meet state academic content standards and benchmarks in all subject areas.

Language for Navajo Speakers I

Grade 9-12 (1 credit)

Description: This course supports, reinforces, and expands students' knowledge of Navajo language. Instruction for this course needs to consider the students have already had home/heritage language instruction, understand the structure of the language, and have a working vocabulary. This course will incorporate the study of the culture, history, and traditions of the community and will be taught in Navajo. This course is part of a funded bilingual program.

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Language for Navajo Speakers II

Grade 10-12 (1 credit)

***** *Prerequisite Navajo I*

Description: This course supports, reinforces, and expands students' knowledge of Navajo Language with further development of skills in reading, writing, listening, and speaking as appropriate through stories, articles, and novels. It will incorporate the study of the culture, history, and traditions of the community and will be taught in Navajo. This course is part of a funded bilingual program.

Language for Navajo Speakers III

Grade 11-12 (1 credit)

***** *Prerequisite Navajo I, II*

Description: This course supports, reinforces, and expands students' knowledge of Navajo Language with further development of skills in reading, writing, listening, and speaking as appropriate through stories, articles, and novels. It will incorporate the study of the culture, history, and traditions of the community and will be taught in Navajo. This course is part of a funded bilingual program.

Language for Navajo Speakers IV

Grade 11-12 (1 credit)

***** *Prerequisite Navajo I, II, III*

Description: This course supports, reinforces, and expands students' knowledge of Navajo Language with further development of skills in reading, writing, listening, and speaking as appropriate through stories, articles, and novels. It will incorporate the study of the culture, history, and traditions of the community and will be taught in Navajo. This course is part of a funded bilingual program.

Spanish Language Arts I

Grade 9 (1 credit)

Description: This course provides instruction in Spanish Language Arts (SLA) with an emphasis on communication and literacy skills: reading, speaking, writing, listening, and comprehension. SLA I will build upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing, and usually includes the four aspects of language use: reading, writing, speaking, and listening. Various genres of literature are introduced and defined with writing selections connected to the readings. This course will be taught in Spanish. This course is part of a funded bilingual program.

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Spanish Language Arts II

Grade 10 (1 credit)

***** *Prerequisite Spanish I*

Description: This course provides instruction in Spanish Language Arts, with an emphasis on communication and literacy skills: reading, speaking, writing, listening, and comprehension. SLA II offers a balanced focus on compositions and literature. Students learn about alternate aims and audiences of written composition by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. Students study various genres and improve their reading rate and comprehension, and develop skills to determine authors' intent and theme. This course will be taught in Spanish and is part of a funded bilingual program.

Spanish Language Arts III

Grade 11 (1 credit)

***** *Prerequisite Spanish I, II*

Description: This course provides instruction in Spanish Language Arts (SSLA) with an emphasis on communication and literacy skills: speaking, reading, writing, listening, and comprehension. SLA III continues to develop students' writing skill, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and learn techniques for writing research papers. Students continue to read worlds of literature, which form the backbone of the writing assignments. This course will be taught in Spanish and is part of a funded bilingual program.

Spanish Language Arts IV

Grade 12 (1 credit)

***** *Prerequisite Spanish I, II, III*

Description: This course blends composition and literature into a cohesive, whole, as students write critical and comparative analysis of selected literature. Multiparagraph essays and/or research papers may be written. This course will be taught in Spanish and is part of a funded bilingual program.

AP Spanish Language and Culture

Grade: 12 (1 credit)

Description: Course is designed to parallel third year college level courses in this category build upon prior knowledge and develop students' ability to understand others and express themselves (in Spanish) accurately, coherently, and fluently in both formal and informal situations. Upon completing these courses, students will develop a large enough vocabulary to understand literary texts, magazine/ newspaper articles, films and television productions, and so on. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines. If this course/class is part of a vertically

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aligned sequence of eligible courses, it may be considered to be part of a state-funded bilingual program.

Electives- Fine & Performing Arts

ART I

Grade 9-12 (1 credit)

Description: Course introduces students to various art forms and topics including; drawing, design, painting, sculpting, art industry careers, significant artists, art movements, and art criticism. Students will create individual and collaborative works of art. Course assignments use the Elements of Art as a foundation to explore materials, technical skills, visual communication, and creative problem-solving skills.

ART II

Grade 10-12 (1 credit)

** Prerequisite ART 1*

Description: Course builds on the variety of art forms and topics explored in ART 1, including drawing, design, painting, sculpting, art industry careers, major artists, art movements, and art criticism. Students will create individual and collaborative works of art. Course assignments use the Principles of Design as a foundation to deepen material knowledge, technical skills, visual communication, and creative problem-solving skills.

ART III

Grade 11-12 (1 credit)

** Prerequisite ART 2*

Description: Course builds on topics covered in ART 1 and 2. Emphasis is placed on cultivating personal artistic styles and advanced technical skills while developing a portfolio of work.

ART IV

Grade 12 (1 credit)

** Prerequisite ART 3*

Description: Students use skills previously learned in ART 1, 2, and 3 to work independently in the studio. Personal artistic style and advanced technical skills are stressed. Portfolio preparation and refinement for college applications, or professional use, are supported.

CERAMICS I

Grade 9-12 (1 credit)

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Description: This course focuses on creating three-dimensional works of art with clay through hand-building, ceramic sculpture, and potter's wheel techniques. Additional emphasis on surface decoration, glaze application, firing techniques, ceramic history, and contemporary and historical ceramic artists.

CERAMICS II

Grade 10-12 (1 credit)

** Prerequisite Ceramics 1*

Description: This course covers the same topics as a CERAMICS 1 course but with an additional focus on advanced clay techniques. Students are encouraged to develop their own artistic styles and refine their technical skills.

Photography I

Grade 10-12 (1 credit)

Description: Learn the art and science of black and white photography using a 35mm film camera. Students will develop their own film and prints in the darkroom.

Photography II

Grade 10-12 (1 credit)

** Prerequisite B or better in Photography I*

Description: The class refines the skills introduced in Photography I with an emphasis on real world applications. Students will be introduced to portrait photography, studio photography, sports photography, photojournalism, and landscape photography.

Photography III

Grade 11-12 (1 credit)

** Prerequisite teacher approval, B or better in Photography I, II*

Description: Students will refine skills introduced in photography I and II. Assignments will be based on contemporary themes with an emphasis on portfolio development.

String Orchestra I, II, III, IV

Grade 9-12 (1 credit for each)

** Prerequisite Students MUST have middle school string experience. ** Course fee may be required.*

Description: Students will study string instrument technique, literature, and music theory. This course is a performance-based ensemble for 9th through 12th graders needing additional high school string technique. It is a prerequisite to Chamber Orchestra. Students will study a variety of styles including solo, chamber and large string ensemble literature. Several concerts and a string recital are performed each year. All black dress clothes are required for performances. FHS

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black orchestra polo required. Sectionals and extra rehearsals that sometimes occur outside the regular school hours are required.

Chamber Orchestra I, II, III, IV

Grade 9-12 (1 credit for each)

** Prerequisite Students MUST audition and director approval is required. ** Course fee may be required.*

Description: Students will study string instrument technique, literature, and music theory. This course is a performance-based ensemble for 10th through 12th graders. Prerequisite is String Orchestra. Students will study a variety of styles including solo, chamber and large string ensemble literature. Several concerts, a string recital and/or an All-State audition, several gigs around town and Star-Spangled Banner performances will occur each year. All black dress clothes are required for performances. FHS black orchestra polo required. Sectionals and extra rehearsals that sometimes occur outside the regular school hours are required. Students in the Chamber Orchestra MUST remain eligible at all times during the year so that they can attend out of school gigs that occur off-campus.

Marching & Symphonic Band

Grade 9-12 (1 credit)

** Prerequisite Middle School Band ** Course fee may be required.*

Fee: $35 non refundable for music and uniform cleaning and a $60/year instrument rental

Description: Marching and Symphonic Band, you'll build on what you learned in middle school. In the **Marching Band** season, you'll get the chance to perform at every football game, lead our local parades, and take on the competition at state-level marching contests. This part of the course is all about combining the art of precision marching with powerful, musical performances. When the season transitions to **Symphonic Band**, the focus shifts to refining your musicianship with engaging music, intense preparation, and meaningful performances. You'll perform at multiple concerts and showcase your talent at the prestigious Music Performance Assessment, with an opportunity to compete at the state level.

Novice Band

Grade 9-12 (1 credit)

*** Course fee may be required.*

Description: This course is designed for students new to band or interested in learning a secondary instrument. Novice band will guide you through everything from setting up and holding your instrument to preparing for your first concert. You will begin with approachable music and build your skills so you are ready to join the Marching and Symphonic bands. In the spring semester, you will perform with the marching band at basketball games where you will showcase your progress.

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Jazz Band

Grade 10-12 (1 credit)

* Prerequisite Students MUST audition and director approval is required. ** *Course fee may be required.*

Description: This course is designed for students who are participating in either Marching or Symphonic band to deep dive into jazz by expanding their musical horizons and developing both core and jazz specific skills. Students will learn jazz theory and master techniques like back slurring to explore the art of improvisation and build a solid foundation to bring your playing to life. A range of styles will be covered: Swing, Rock, Funk, Blues, Samba, Bossa Nova, Latin Rock, and others. In addition to weekly rehearsals, you will showcase your skills at local concerts and participate in Jazz Performance Assessments.

Beginning Guitar, Intermediate Guitar, or Advanced Guitar

Grade 9-12 (1 credit)

Description: Classical guitar ensemble: From basics to performance. In this course, you will learn to play classical guitar, read music notation and perform multi-part pieces with your peers. This class begins with the basics, building skills step by step to be able to play four-part music. This course is for beginners and those with some experience to develop musicianship and technique to allow you to perform with confidence.

Piano I

Grade 9-12 (1 credit)

Description: Students will learn the basics of playing the piano and reading music, building essential skills step-by-step. Through hands-on practice, students will gain the ability to understand and play music on their own. The class includes one-on-one lessons, group activities, and performances to help students feel comfortable and confident at the piano.

Treble Choir

Grade 9-12 (1 credit)

***** *Course fees may be required*

Description: This course is for any level of student who sings in higher voice ranges (soprano and alto) and focuses on developing basic singing skills and music reading. Students will build a solid foundation of music and singing skills. Treble choir is an ideal starting point to prepare for joining a more advanced choir after building confidence and fundamental skills.

Men's Choir
Course number 1130

Grade 9-12 (1 credit)

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** Course fees may be required*

Description: This course is for any level of student who sings in lower voice ranges (tenor and bass) and focuses on developing basic singing skills and music reading. Students will build a solid foundation of music and singing skills. Treble choir is an ideal starting point to prepare for joining a more advanced choir after building confidence and fundamental skills.

Sirens Treble Choir

Grade 9-12 (1 credit)

**Prerequisite Students MUST audition and director approval is required. * Course fees may be required*

Description: This course is an advanced ensemble for soprano and alto singers with experience. Students in this course strengthen their music-reading and sight-singing skills and perform in extra events, including signing Valentines and visits to other schools. With a touch of showmanship, this group also incorporates body percussion into some pieces.

Chamber Mixed Choir

Grade 9-12 (1 credit)

**Prerequisite Students MUST audition and director approval is required. **Course fees may be required*

Description: Mixed choir welcomes experienced students from all grade levels and includes all vocal ranges: soprano, alto, tenor, and bass. This advanced choir, singing primarily in four-part harmony, emphasizes sight-singing. Mixed choir members will participate in community outreach performances such as Christmas caroling, which involves some additional time commitments beyond regular class hours.

Introduction to Theater I
Course number 1111

Grade 9-12 (1 credit)

Description: This exciting course is designed for students who are eager to explore the world of acting and theater production. Throughout the semester, you will engage in various activities that will enhance your skills in improvisation, monologue performance, and audition techniques. You will also learn the fundamentals of stagecraft, stage makeup, costuming, and the operation of sound and light boards. Students will have an opportunity to participate in improv night, winter short play, and the spring musical.

Theater II

Grade 10-12 (1 credit)

** Prerequisite Theater 1*

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Description: This advanced course is designed for students who have a foundational understanding of acting and theater production and are ready to dive deeper into the world of performance. Throughout the semester, you will explore devised performances, various acting styles, and intermediate techniques in stagecraft, stage makeup, and costume design. You will also gain hands-on experience with sound and light operations, culminating in participation in a winter production and a spring musical.

Theatre III
Course number 1113

Grade 11-12 (1 credit)

**Prerequisite Theater 1 and II/Audition*

Description: This advanced course is designed for students who have a solid foundation in acting and theater production and are ready to take their skills to the next level. Throughout the semester, you will focus on competitive performance, theatrical directing methodologies, and the intricacies of stage management and design. You will also gain hands-on experience in stage makeup, including prosthetics creation, costume management, and sound and light operations. This course will culminate in participation in the NM All-State One-Act Competition, a winter production, and a spring musical.

Health and Physical Education

Health Education

Grade 9 (.5 credit)

Description: This course provides knowledge and skills to students for a variety of health topics including: tobacco use, alcohol and other drug use, mental and emotional health, stress and coping strategies, nutrition and physical activity, personal health, social health, violence, human development and sexuality, sexually transmitted infections, pregnancy, and pregnancy prevention.

Physical Education

Grade 9-12 (1 credit)

Description: Provides instruction and development of skills in human movement, physical activities and physical fitness.

Personal Fitness

Grade 9-12 (1 credit)

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Description: This class is designed for weight training. Students will be given a specific training regimen. Students will focus on speed, agility, flexibility, and heavy strength training. This course will also offer rehabilitation opportunities if an injury is present.

Lifetime Sports and Activities

Grade 10-12 (1 credit)

***** Course fees may be required*

Description: Description: This class will involve lifetime sports & activities. Students will be instructed in personal physical fitness goals and best practices for lifetime fitness and demonstrate enjoyment and proficiency in a variety of lifetime sports & activities. The lifetime sports & activities include but not limited to: exercise safety, SJC Challenge Course, mountain biking, disc golf, indoor/outdoor pickleball, bowling, wallyball, tennis, sand volleyball, SJC indoor rock climbing, SJC kayaking/canoeing, orienteering, racquetball, skiing/snowboarding, sand volleyball, among others. **Students must provide their own transportation to and from activities that take place off the campus. Students must have a completed "Notice of No School Provided Transportation" on file through Rank one or hard copy with instructor.**

Weightlifting I

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This class is designed for sport athletic weight training. Students will be given a designed sports specific training regimen for when they are in-season and out of season for their sport. Accommodations will be made for game day lifts, and active recovery days will be built into the training program for in-season workouts. Out of season athletes will focus on speed, agility, flexibility and heavy strength training. This course will also offer rehabilitation opportunities for all athletes. Coaches will work in conjunction with the local certified athletic trainers to support athletes.

Baseball

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

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Basketball

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Cheer

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Cross Country

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Dance

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

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Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Football

Course number 3001

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Golf

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Powerlifting

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes

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must verify their academic eligibility. More information can be found in the athletic office on campus.

Soccer

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Softball

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Swim

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Tennis

Grade 9-12 (1 credit)

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**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Volleyball

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Wrestling

Grade 9-12 (1 credit)

**Prerequisite Academically eligible athletes participating in a competitive high school sport.*

Description: This is a competitive program that will require students to get coach approval and/or tryout. Student athletes are required to be Rank One eligible which includes a physical, medical history form, participation form, proof of medical insurance, and NFHS Concussion protocol. Varsity, junior varsity, and C team sports are NMAA sanctioned activities and student athletes must verify their academic eligibility. More information can be found in the athletic office on campus.

Electives: Career Technical Education (CTE)

Pathway: Agriculture

AgriScience I

Grade 9-10 (1 credit)

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Description: The local, national, and global definitions, history, and scope of agriculture in society is covered in this course. Additional content will include plant and animal sciences, production and processing; agricultural mechanics, including tool and machine operation; business and natural resource management; management of food and fiber systems; soil characteristics, formation and properties; and development of leadership and communication skills.

AgriScience II

Grade 10-12 (1 credit)

Description: This course covers the global marketplace, development of a Program of Activities, and leadership development. Animal science emphasis is on the selection, reproduction and genetics of breeds of beef, sheep, swine, dairy cattle, horses, poultry and specialty animals. Plant science emphasis is on the structure and function of plant parts; identification of common pasture and range plants; plant growth and development; sexual and asexual reproduction of plants. Soil science topics include: nutrients, fertilizers, and organic matter; conservation practices and sampling techniques.

Agriculture-Dual Credit with Eastern NM University

Grade 11-12 (1 credit each semester)

Description:

Fall: Introduction to Horticulture: An introduction to principles and practices of horticulture as a science and its practical applications. Includes an introduction to plant anatomy, classification and identification, physiology, genetics, and propagation as they apply to horticulture.

Spring: Introduction to Plant Science: This is an introductory course for understanding plant science. Basic biological, chemical, and physical principles of various plants are covered. The focus of this course is on plants/crops used in agriculture production of food and fiber as well as pasture and range plants. Plant taxonomy and soil properties will also be discussed. Ideally follows Introduction to Horticulture.

Pathway- Construction

Residential Construction I

Grade 9-12 (1 credit)

Description: This course will provide key content including orientation to the trade, safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professional/employability skills. Information will be provided related to the building of wooden structures enabling students to gain an understanding of wood grades and construction methods and to learn skills such as laying sills and joists, erecting sill and rafters, applying sheathing,

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siding and shingles, setting door jambs, and hanging doors. Students will learn to read blueprints, draft, use tools and machines properly and safely.

Residential Construction II

Grade 10-12 (1 credit)

Description: This course builds on the content and information from Construction I. Special emphasis will be placed on construction methods applicable to floor, wall, roof, and/or stair framing. May also include insulation installation and painting.

Pathway- Graphic Arts

Graphic Design and Photography

Grade 9-12 (1 credit)

Description:In this course students will learn to capture compelling images and transform them into creative visual designs using tools like Adobe Photoshop, Illustrator and Canva. This class covers key skills such as composition, photo editing, typography, and branding. Students will build a diverse portfolio that showcases their unique creative style.

3D Animation

Grade 10-12 (1 credit)

Description: In this course, students will explore the art of 3D modeling and animation using software such as Blender. The course emphasizes the development of technical skills, creativity, and storytelling as students design and animate their own projects.

Pathway- Mass Media

Mass Media Production

Grade 9-12

Description: This course provides the technical knowledge and skills necessary for television, video, film and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are discussed. Students may be required to produce their own program or segment.

Pathway- Media Production

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Introduction to Filmmaking

Grade 9-12 (1 credit)

Description: In this course, students will learn the three-phases of filmmaking: Pre-production, Principal Photography, and Post-Production. Students will learn exactly how each phase contributes to the development of motion pictures.

Advanced Filmmaking

Grade 10-12 (1 credit)

Description: This course builds on the skills learned in the introductory courses. Students will further their filmmaking knowledge by developing rigorous screenplays, depending on their on-set production skills, and becoming fluent with non-linear editing systems.

Business Management & Administration

Program: Entrepreneurship

IntroductoryBusiness

Grade 9-12 (1 credit)

Description: This class provides a comprehensive overview of key business concepts, covering areas such as marketing, finance, operations, human resources, and supply chain management. Students will have the opportunity to gain a foundational understanding of how businesses operate.

Business Ownership and Entrepreneurship

Grade 10-12 (1 credit)

Description: This course will acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics may include: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, accounting, and communication.

AP Business Principles

Grade 11-12 (1 credit)

Description: AP Business Principles students will examine a variety of business cases using six strategic lenses: Customer, Product, Market, Organization, Operations, and Finance. These lenses

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will help students build, organize and synthesize their understanding of how businesses operate, how they navigate changing markets, and how business leaders analyze situations and make decisions.

Education & Training

Program: Teacher Education

Child Development

Grade 9-12 (1 credit)

Description: This course will explore child development and help us understand why children develop the way they do and how to help them develop into responsible citizens. The focus will be on the development of the child through the educational years and typically covers: stages of development, educational methods, social and emotional development, cognitive development, cultural influences, learning differences, effective communication, assessment and evaluation of progress, supportive learning environments, partnerships with families. By the end of the course, students should have a comprehensive understanding of how children develop throughout their education journey and how to effectively support their growth and learning.

Teacher Academy I & II

Grade 11-12 (1 credit each)

Description: This course is designed for students who are interested in exploring careers in preschool, elementary, and secondary education. Students will study the history, development, organization, and practices of these educational levels. Throughout the course, students will learn about human growth and development, classroom diversity, ethics, professional responsibility and the health and safety considerations related to teaching. Additionally, they will gain valuable experience working with students in local classrooms across various subjects, settings, and grade levels. Students will be introduced to teaching related careers and the educational system through class discussions, participation in public classroom observations, and interactions with teachers and administrators. The curriculum includes visits to various public school classrooms throughout the year, culminating in a classroom internship experience in the spring semester. A required component of this course is a 9 week internship at a local elementary or middle school, where students will work alongside master teachers their chosen gradeleve. During the internship, students will teach two standards based lessons, which will be observed and evaluated by both the Teacher Academy instructor and their cooperating teacher.
*Students will become involved in Educators Rising, a national and state organization that supports those pursuing a career in education.

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Health Science

Program: Health Science Fundamentals

Health Care Occupations I

Grades 9-12 (1 credit)

Description: This course will provide students with an orientation to the knowledge and skills required for the healthcare industry. Topics typically include: health care delivery and patient care, including assessment of vital signs, body mechanics and diet, anatomy and physiology, the identification and use of medical equipment and supplies, medical terminology, hygiene and disease prevention, first aid and CPR procedures, laboratory procedures, and ethical and legal responsibilities of healthcare workers.

Health Care occupations II

Grades 10-12 (1 credit)

Description: The study and understanding of medical terminology as it relates to diseases, their causes and effects, and the terminology used in various medical specialties. Emphasis is placed on learning the basic elements of medical words, appropriate spelling and use of medical terms, and use of medical abbreviations related to anatomy and physiology.

Medical Terminology

Grades 11-12 (1 credit/dual credit class)

Description:

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Hospitality & Tourism

Program: Restaurants & Food/Beverage Services-ProStart

Foods I

Grade 9-12

Description: This course is designed to introduce students to industry standards such as customer relations, accounting, food cost controls and marketing. Students are encouraged to explore a wide variety of careers found in the hospitality and restaurant industries. Students are trained in the National Restaurant Association's ServSafe Program.

Foods II

Grade 10-12

Description: Intensive program involving entrepreneurship and managerial techniques, portfolio, customer service skills, safety and sanitation, catering, quick serve, full service, knife skills, plate presentations and teamwork.

Program: Travel & Tourism

Intro to Hospitality & Tourism A

Grade 9-12 (1 credit)

Description: This course introduces students to careers in the hospitality industry by introducing topics like professionalism and how to build a career in the industry. Students will also learn about guest service, reservations, economic development, safety & security, and maintenance.

Intro to Hospitality & Tourism B

Grade 9-12 (1 credit)

Description: Basic knowledge plus work experience for the student who is interested in a career in travel and tourism. Areas of study may include: culinary arts, logging occupations, travel services, customer service and management of recreation, and leisure programs. Students will learn about property management, restaurant management, and supportive services to hospitality and tourism.

Information Technology

Program: Computer Science

AP Computer Science Principles

Grade 9-12 (1 credit)

Description: This course will introduce students to the foundation concepts of computer science and challenge them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real world applications, this course prepares

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students for college and career. It is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board Guidelines.

Intro to Computer Science

Grade 10-12 (1 credit)

Description: The class will provide the opportunity to gain expertise in current computer programs. Emphasis is on how to structure and document computer programs and how to use problem solving techniques. As students advance, they learn to capitalize on more advanced features and tools (top down deesing, procedures and loops) and to place greater emphasis on design and efficiency.

Computer and Information Sciences

AP Computer Science A

Grade: 9-12

Description: A course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object -oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale from small, simple problems to large, complex problems. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

Law, Public Safety, Corrections & Security

Program: Military Science

JROTC I

Grade 9-12 (1 credit)

Description: This course includes basic levels of: citizenship, communication, decision making skills, leadership, map reading, US military history, first aid, survival and physical fitness. Cadets will be issued a military uniform at no cost, and will wear the uniform one day per week. Optional activities include: Color Guard, Drill Team, Rifle Marksman Team, and Raider Team. Successful completion of JROTC I will satisfy the graduation requirement for a PE credit.

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JROTC II

Grade 10-12 (1 credit) Prerequisite JROTC I and Senior Army Instructor permission

Description: This course builds upon the fundamentals learned during JROTC I. Students will receive leadership training and opportunities to learn cadet staff functions, first aid map reading, American military history, physical fitness, career opportunities, technology awareness, the role of the US Army, marksmanship and safety. Optional activities include: Cadet squad-level leadership, Color Guard, Drill Team, Rifle Marksmanship Team, and Raider Team. Successful completion of this course and JROTC I may result in advanced rank for enlistment in the United States Military.

JROTC III

Grade 11-12 (1 credit) Prerequisite JROTC I & II and Senior Army Instructor permission
Description: Emphasis is placed on leadership and training. Cadets in this class will comprise the platoon and company leadership with the responsibility to plan, coordinate and execute cadet activities and functions. Students will study communication, leadership, cadet challenge, map reading, military history, role of US military forces, staff planning, human relations, military justice system and physical fitness. Optional activities: Cadet Battalion Staff assistants, limited class peer instructors, leadership opportunities in Color Guard, Drill Team, Rifle Team, and Raider Team. Successful completion of this course and JROTC I & II may result in advanced rank for enlistment in the United States Military.

JROTC IV

Grade 12 (1 credit) Prerequisite JROTC I, II, or III and Senior Army Instructor permission
Description: This is the senior level course. Emphasis is placed on leadership and training. Cadets in this year will comprise the Battalion staff with the responsibility to plan, coordinate and execute cadet activities and functions. Course topics include: communication, leadership, Cadet Challenge, map reading, military history role of US military forces, lesson preparation and presentation, human relations, military justice system, and physical fitness. Optional activities include Cadet Battalion staff, assistant instructors, leadership of Color Guard, Drill Team, Rifle Team and Raider Team.

JROTC Leadership & Special Teams Practice

Grade 9-12 (1 credit) Prerequisite JROTC I, II, or III and Senior Army Instructor permission

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Description: This class supplements the full JROTC curriculum by providing the cadets an opportunity to practice leadership and training skills. The Cadet Chain of Command will coordinate all JROTC activities, competitions, and school support activities. Special Teams will conduct training relevant to Drill, Raider, Color Guard, and Rifle Marksmanship.

Manufacturing

Program: Welding

Welding Exploratory I A

Grade 9-12 (1 credit)

Description: The key content for this course includes orientation to the Trade, safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and employability skills. Students will be introduced to the properties, uses, and applications of various metals. The Welding course will provide experience in various processes used to join and cut metals and the proper use of all techniques. May include instruction to interpret blueprints or other types of specifications.

Welding Exploratory I B

Grade 9-12 (1 credit)

Description: This is the second course in the welding program and will take the student into higher level knowledge and skill development of the topics listed for Welding I.

Welding Exploratory II A

Grade 10-12 (1 credit)

Description: This is the third course in the welding program and will build up the knowledge from previous welding courses, and will take the student into a higher level of knowledge and skill development.

Welding Exploratory II B

Grade 10-12 (1 credit)

Description: This is a topic in a welding course that will allow students to gain content knowledge over: safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professionalism/employability skills. Students will learn the following types of welding: gas metal arc welding, gas tungsten arc welding, and shielded metal arc welding.

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Blueprint reading for Welders-dual credit

Grades 11-12 (1 credit) Prerequisite completion of Welding I and II

Description: Precision metalwork; includes orientation to the Trade, safety obligations of all to ensure a safe workplace. OSHA regulation awareness, communication and professional/employability skills, offered as a dual credit class.

Basic Blueprint Reading & Design-dual credit

Grade 11-12 (1 credit) Prerequisite completion of Welding I and II

Description: Precision metalwork; includes orientation to the Trade, safety obligations of all to ensure a safe workplace. OSHA regulation awareness, communication and professional/employability skills, offered as a dual credit class.

Marketing

Program: Merchandising

Principles of Marketing or Fashion & Interior Design I Retail

Grade 9-12 (1 credit)

Description: This course focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. This is the first course in a series. Topics include: providing goods and services, market research, purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shopping and theft control, business management, entrepreneurship and pricing and packaging. Human relations, employability skills, computers, math skills, and economics are also covered.

Retail Marketing

Grade 10-12 (1 credit)

Description: This course will cover marketing principles and concepts related to the provision of goods and services directly to the consumer, emphasizing store operation, advertisement and display of goods, store security, human relations, and business management and ownership.

Marketing-Mentorship/Internship

Grade 11-12 (1 credit) Work Based Learning

Description: Work experience is gained in marketing-related careers in one of several industries. This course may include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Standards are set for the experience periods and

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related classroom experience will align with occupational training in the field. Improvement of employability skills and discussion regarding the experiences and problems encountered on the job will also be included in classroom activity.

Science, Technology, Engineering & Mathematics

Program: Energy & Power

Engineering I

Grades 9-12 (1 credit)

Description: Students will learn how to apply math, science, and engineering standards to solve problems through research, design, and building. They will also learn how to document their work and collaborate with others. Students will be introduced to a variety of engineering fields, and will participate in hands-on projects using various materials and tools. Students will learn how to safely operate hand tools and machines. Problem solving skills will improve through research, project design and redesign, and communication skills will develop as they present results and findings through presentations and documentation.

Engineering II

Grades 10-12 (1 credit) Prerequisite Engineering I

Description: This is the second of a two course sequence This is a project based course that will explore energy transformations by applying math, science and engineering standards to solve problems through research, design, and building.

Intro to Engineering

Grade 11-12 (1 credit) Dual Credit course, Prerequisite Math 1215

Description: An introduction to engineering as a career. Issues important to engineers, as students and professionals are discussed along with answers to the question, " What can I expert to do as an engineer?" In addition basic computer skills and electronic data acquisition are introduced in a laboratory setting, emphasizing a hands-on approach to experimentation and team design.

Transportation, Distribution, & Logistics

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Program: Automotive Technology

Automotive I A

Grade 9-12 (1 credit)

Description: Introduction to automobiles and is primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. This course offers an introduction to the various mechanical systems in automobiles and basic experience in maintenance tasks.

Automotive I B

Grade 9-12 (1 credit)

Description: This is a second sequential course in an automotive program of study meant to take a student into higher level knowledge and skill development.

Automotive II A

Grade 10-12 (1 credit)

Description: This is the third course in an automotive program of study. Students will delve deeper into the knowledge and skills of being an automotive technician.

Automotive II B

Grade 10-12 (1 credit)

Description: This is the fourth course of an automotive technician program.

Automotive III

Grade 11-12 (1 credit)

Description: This is a transportation technology internship. Course will provide work experience in the transportation field, supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, and employability skills and experiences encountered on the job may be topics discussed.

Elective Classes 5.5 units

**For incoming Freshman, class of 2029 Must include a two-course pathway in *foreign language, Fine Arts, Health,*

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Military, CTE or can do Community Service Learning or Work Based Learning

Student Leadership/Student Senate I

Grade 9-12

Description: This class is open to any student wanting to get involved in school and learn more about student government. This curriculum includes leadership skills, goal setting, project planning and parliamentary procedure Students perform the duties of student government and participate in the New Mexico Association of Student Councils. This class is not a mandatory prerequisite for Student Leadership II, III, or IV; however it is strongly recommended. A behavior responsibility contract between the student, parents, and school is required. **Extensive out of class work is required.**

Student Leadership/Student Senate II, III, IV

Grade 10-12

Description: Students enrolled are nominated by teachers or have the experience to serve in student government. This curriculum includes leadership skills, goal setting, project planning and parliamentary procedures. Students perform the duties of student government and participate in the New Mexico Association of Student Councils. **Enrollment is limited to students who have been selected by their classmates** to serve in a leadership role in student government. Student leadership II, III, IV are for students elected to Student Senate for the second, third, or fourth year. A behavior responsibility contract between the student, parents, and school is required. **Extensive out of class work is required.**

Project Bike Tech

Grade 10-12

Description: This class teaches the fundamental skills needed to maintain and repair a bicycle, including basic bike terminology, how to fix a flat tire, adjust brakes and gears, properly check for wear and tear on the chain and other key components, and perform basic safety checks, all while providing hands-on practice with common tools, suitable for beginner cyclists who want to confidently maintain their own bikes at home.

Sports Officiating

Grade 10-12 Instructor Approval Required

Description: This course will allow students to gain Sport Officiating certification in 2 sports of the students' choice. Students will practice the interview process and create a resume for

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employment and 20 hours of practicum experience is required as a Work Based Learning element. Physical fitness and Injury prevention, Sport specific Rules and Regulations, Ethics and Integrity, Communication Skills, and psychological preparedness in sports will be the topics of the course.

Work Based Learning

Grade 9-12 (1 credit)

Description: Work-Based Learning (WBL) is a dynamic educational program that bridges the gap between classroom learning and real-world professional experience. Designed to prepare students for the workforce, WBL provides hands-on opportunities to explore career paths, develop essential job skills, and gain insight into the demands of various industries. Through internships, apprenticeships, and project-based learning, participants work alongside professionals in their chosen fields, applying classroom knowledge to practical tasks.
The program emphasizes critical thinking, teamwork, communication, and professionalism while fostering personal and career growth. WBL also helps students build resumes, network with industry experts, and gain a competitive edge in their future endeavors, whether in higher education, technical training, or direct entry into the workforce. By immersing students in authentic workplace environments, WBL empowers them to make informed career choices and achieve long-term success.
We currently have 106 business partners within San Juan County that support our program, providing invaluable opportunities for our students to thrive.

Work Experience

Grade 11-12

1 Credit a year 15 or less hour work week

2 Credits a year 15 or more hour work week

Description: Students with a job can earn credit(s) for working. This class is online only. It appears as a zero hour on the schedule, but students submit all work via Schoology. Work includes documenting work schedules weekly, submitting physical or digital copies of paystubs as evidence of work, reflecting on work experiences monthly and employer evaluations. This class meets the dual credit, distance learning, AP class graduation requirement.

Journalism

Grade 9-12 (1 credit)

Description: Journalism I is an introductory course designed for high school students interested in the world of news reporting, writing, and media production. In this course, students will explore the fundamentals of journalism, including writing clear, concise, and accurate news stories, conducting interviews, and understanding journalistic ethics. Students will learn about

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various media platforms, from traditional print newspapers to digital outlets, and discover how the evolving landscape of journalism affects how news is gathered and shared.
Through hands-on projects, students will practice writing news articles, features, editorials, and reviews while also learning the basics of editing, photography, and video production. The course will emphasize the importance of objectivity, responsibility, and fairness in reporting, as well as the role of the media in society. By the end of the course, students will have gained the skills necessary to create their own news content and understand the impact of media on public opinion and culture. This course is perfect for students interested in pursuing careers in journalism, communications, or media, or anyone who wants to improve their writing and communication skills. In addition, this course will be considered a prerequisite for Yearbook I, II, and III.

Yearbook I, II, III

Grade 10-12 (1 credit) Prerequisite Journalism, Teacher Referral and Interview
Description: In Yearbook, students will take on key roles such as writers, photographers, editors, and graphic designers, collaborating to produce the school's yearbook. The course focuses on skills such as writing engaging copy, interviewing peers and faculty, creating visually appealing page layouts, and managing photography. Students will also become proficient in using industry-standard design software, such as Adobe InDesign and PhotoShop, to put their creative ideas into practice. The Yearbook class emphasizes teamwork, leadership, and attention to detail as students work to capture significant events and milestones throughout the school year. This class provides valuable experience for students interested in journalism, photography, graphic design, communications, marketing, business applications and media production, while also allowing them to leave a legacy by documenting their school's history. Due to the rigorous nature of this course and the responsibility it entails, only students who demonstrate strong work ethic, adequate responsibility, self-sufficiency, creativity, and collaboration skills will be selected. Participation in this class is a privilege, and students must be committed to contributing to the production of a professional, high-quality yearbook.

Screenwriting

Grade 9-12 (1 credit)
Description: Students will learn the fundamentals of storytelling and how to develop a story using Freytag's Pyramid which is a formula used to create successful film and television fiction. They will learn the elements of developing a character and the Hero's Journey, as well as come up with creative costuming and props for the character. They will learn about writing scenes and how the setting plays into the scene as a treatment. Students will watch clips from films, which are used in a pedagogical format to showcase dynamic screenwriting and they will learn to write a critique. There will be daily writing assignments that focus on utilizing imagery and pictures to develop a story. Students also will learn the documentary process and how to write and develop a

non-fiction screenplay as well. The emphasis will be for students to create a final screenplay by the end of the course.

Speech & Debate I, II

Grade 9-12 (1 credit each)

Description: Speech & Debate offers students the opportunity to learn how to employ oral skills in formal and informal situations. Through the forensics of the course, students develop logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Students learn all types of competitive speech and debate methods and techniques. Participation in competition is not required. These courses are sequential; class I is a requirement for class II.

Mock Trial 1

Grade 9-12 (1 credit)

Description: The students learn proper court proceedings and 'try' several cases prepared for their use. Students will have the opportunity to work as witnesses and attorneys learning legal terms and rules. This course emphasizes creativity, critical thinking, organization, and high-level evaluation of situations.

Mock Trial II, III

Grade 10-12 (1 credit)

Description: This class is a continuation of Mock Trial 1. The students learn proper court proceedings and 'try' several cases prepared for their use. Students will have the opportunity to work as witnesses and attorneys learning legal terms and rules. This course emphasizes creativity, critical thinking, organization, and high-level evaluation of situations. the class. These courses are sequential and II must be completed before III.

Athletic Training

Grade 10-12 (1 credit)

Description: Athletic Training is designed for students interested in a career in sports medicine or that are interested in athletics or coaching. This course will focus on the science behind sports, sports related injuries and conditions and associated injury assessment, treatment, rehabilitation, and return to activity. The course will introduce students to human anatomy and physiology specifically in the skeletal and muscular systems. In addition, students will be introduced to related careers, sports physiology, general health, and nutrition and wellness. Students will learn the basics of taping, wrapping, splinting, CPR and AED use. Students should be prepared to do hands-on activities and be comfortable with true-to-life male and female pictures/diagrams/models as instructional aides.

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Enrichment Seminar

Grade 9-12 (1 credit)

Description: A peer group of students have the opportunity to investigate areas of interest using research skills to create presentations. Students will improve their interpersonal skills, group processing skills as well as problem solving and critical thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

Independent Study

Grade 9-12 (1 credit)

Description: Course is primarily for students who need to recover credits from failed classes in past semesters, with priority given to upperclassmen. Course provides students with the assistance they need to successfully complete their coursework for current classes and in online classes to recover credits. Students may receive help in one or several subjects according to their individual needs. Enrollment is determined by the student's counselor.

Drivers Education-Class only

Grade 9-12

Description: This course provides students with the knowledge to become safe drivers on America's roadways. Legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability, including alcohol and other drugs, are all included as topics of this course.

Psychology

Grade 9-12 (1 credit)

Description: This course is designed to introduce students to the study of human behavior. Students explore the history of psychology, the science of psychology, the human brain, perception, learning, memory, human development, personality, health psychology, social psychology, and disorders.

Sociology

Grade 9-12 (1 credit)

Description: Course introduces students to the study of human behavior in society. It will provide an overview of sociology, generally including topics such as: social institutions and norms, socialization and social change, relationships of individuals and groups in society. Other topics included are culture, crime, deviance, and all types of inequality.

AP Psychology

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Grade: 11-12

Description: Course designed to parallel an introductory college level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each of the major subfields within psychology, and enable students to examine the methods psychologists use in their science and practice. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

Attendance Aide

Grade 11-12 (1 credit) Approval needed to enroll

Description: Students are offered the experience of learning basic workplace and clerical skills as they assist in the completion of tasks assigned by the staff. Participation is a privilege and students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions, able to alphabetize and organize information. A student contract must be signed and approval is required.

Guidance Aide

Grade 11-12 (1 credit) Approval needed to enroll

Description: Students are offered the experience of learning basic workplace and clerical skills as they assist in the completion of tasks assigned by the staff. Participation is a privilege and students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions, able to alphabetize and organize information. A student contract must be signed and approval is required.

Library Aide

Grade 11-12 (1 credit) Approval needed to enroll

Description: Students are offered the experience of learning basic workplace and clerical skills as they assist in the completion of tasks assigned by the staff. Participation is a privilege and students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions, able to alphabetize and organize information. A student contract must be signed and approval is required.

Office Aide

Grade 11-12 (1 credit) Approval needed to enroll

Description: Students are offered the experience of learning basic workplace and clerical skills as they assist in the completion of tasks assigned by the staff. Participation is a privilege and

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students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions, able to alphabetize and organize information. A student contract must be signed and approval is required.

Athletics Aide

Grade 11-12 (1 credit) Approval needed to enroll

Description: Students are offered the experience of learning basic workplace and clerical skills as they assist in the completion of tasks assigned by the staff. Participation is a privilege and students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions, able to alphabetize and organize information. A student contract must be signed and approval is required.

Teachers Aide

Grade 10-12 (1 credit) Teacher approval required

Description: Students are offered the experience of learning basic workplace skills as they assist in the completion of tasks assigned by the teacher. Participation is a privilege and students are expected to maintain professional decorum and represent the school in a positive way. Students need to be: reliable, have good attendance and conduct, able to follow directions and instructions. Responsibilities and work will vary depending on the teacher and class; students must have taken and passed the class they are wanting to be an aide for. Or, students need to have passed their core classes to be a teacher's aide. A contract may need to be signed.

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On Site Dual Credit Classes

FMS Dual Credit Core Equivalencies

ACCT 2110 Principles of Accounting I

(1 credit for high school, 3 credits for college)

Description: An introduction to financial accounting concepts emphasizing the analysis of business transactions in accordance with generally accepted accounting principles (GAAP), the effect of these transactions on the financial statements, financial analysis, and the interrelationships of the financial statements.

COMM 1130 G Public Speaking

(1 credit for high school, 3 credits for college)
Description: This course introduces the theory and fundamental principles of public speaking, emphasizing audience analysis, reasoning, the use of evidence and effective delivery. Students will study principles of communication theory and rhetoric and apply them in the analysis, preparation and presentation of speeches, including informative, persuasive, and impromptu speeches.

COMM 2120 G Interpersonal Communication

(1 credit for high school, 3 credits for college)
Description: This course provides an introduction to the study of interpersonal communication. Students will examine the application of interpersonal communication in personal and professional relationships.

ENGLISH 1110 Basic Composition

(1 credit for high school, 3 credits for college)
Description: This dual credit course is the basic writing class required by nearly every college or university. English1110 will transfer to any public university in New Mexico. Students will take the class with an FHS teacher and receive credit for both high school and college. English 1110 provides one English credit and can replace either English 11 or English 12. In this course, students will read, write, and think about a variety of issues and texts. They will develop reading and writing skills that will help with the writing required in their fields of study and other personal and professional contexts. Students will learn to analyze rhetorical situations in terms of audience, contexts, purpose, mediums, and technologies and apply this knowledge to their reading and writing. They will also gain an understanding of how writing and other modes of communication work together for rhetorical purposes. Students will learn to analyze the rhetorical context of any writing task and compose with purpose, audience, and genre in mind. Students will reflect on their own writing processes, learn to workshop drafts with other writers, and practice techniques for writing, revising, and editing.

English 1120 Advanced Composition

(1 credit for high school, 3 credits for college)
Description: This dual-credit course builds on the skills learned in English 1110. Students must successfully complete English 1110 with a 70% or higher to take English 1120. Students will take the class with an FHS teacher and receive credit for both high school and college. English 1120 provides one high school English credit and can replace English 12. The combination of both English 1110 and English 1120 satisfies the basic writing requirement of many universities, even out of state. In this course, students will explore arguments in multiple genres. Research and writing practices emphasize summary, analysis, evaluation, and integration of secondary sources. Students will analyze rhetorical situations in terms of audience, contexts, purpose,

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mediums, and technologies and apply this knowledge to their reading, writing, and research. Students will sharpen their understanding of how writing and other modes of communication work together for rhetorical purposes. The emphasis of this course will be on research methods.

FYEX 1110 First-Year Seminar

(1 credit for high school, 3 credits for college)

Description: This course is designed to help students achieve greater success in college and in life. Students will learn many proven strategies for creating greater academic, professional, and personal success. Topics may include career exploration, time management, study and test-taking strategies to adapt to different learning environments, interpersonal relationships, wellness management, financial literacy, and campus and community resources.

GEOL 1110 G-Physical Geology + Lab

(1 credit for high school, 4 credits for college)

Description: Physical Geology is an introduction to our dynamic Earth introducing students to the materials that make up Earth (rocks and minerals) and the processes that create and modify the features of our planet. The course will help students learn how mountains are formed, how volcanoes erupt, where earthquakes occur, and how water, wind, and ice can shape the landscape. Students will also develop a basic understanding of the ways humans have altered the planet including our impact on natural resources and global climate change.

Math 1220 College Algebra

(1 credit for high school, 3 credits for college)

Description: A study of linear and quadratic functions, and an introduction to polynomial, absolute value, rational, radical, exponential, and logarithmic functions. Other topics include systems of linear equations and inequalities, nonlinear systems, conics, sequences and series. A development of strategies for solving single-variable equations and contextual problems.

Math 1240 Precalculus

(1 credit for high school, 3 credits for college)

Description: This course extends students' knowledge of polynomial, rational, exponential and logarithmic functions to new context, including rates of change, limits, systems of equations, conic sections, and sequences and series.

Math 1130 Survey of Mathematics

(1 credit for high school, 3 credits for college)

Description: This course will develop students' ability to work and interpret numerical data, to apply logical and symbolic analysis to a variety of problems, and/or to model phenomena with

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mathematical or logical reasoning. Topics include: financial mathematics used in everyday life situations, statistics, and optional topics from a wide array of authentic contexts.

Math 1230 Trigonometry

(1 credit for high school, 3 credits for college)

Description: A study of plane trigonometry including the definition of the fundamental trig functions using right angle triangle and unit circle approaches. Trig Functions of any real number will be evaluated and the functions graphed along with their transformations. Trigonometric identities will be developed and demonstrated including multiple angle identities and identities developed from them. Trigonometric functions will be developed and used to solve trigonometric equations. Trigonometric applications will be solved using right angle trigonometry and the law of sines and cosines. Trigonometric methods will be applied to complex numbers and the use of 2D vectors and vector dot products.

Math 1250 Trigonometry and Precalculus

(1 credit for high school, 3 credits for college)

Description: This course includes the study of functions in general with emphasis on the elementary functions: algebraic, exponential, logarithmic, trigonometric and inverse trigonometric functions. Topics include rates of change, limits, systems of equations, conic sections, sequences and series, trigonometric equations and identities, complex numbers, vectors, and applications

Math 1350 Introduction to Statistics

(1 credit for high school, 3 credits for college)

Description: This course discusses the fundamentals of descriptive and inferential statistics. Students will gain introductions to topics such as descriptive statistics, probability and basic probability models used in statics, sampling and statistical inference, and techniques for the visual presentation of numerical data. These concepts will be illustrated by examples from a variety of fields. Course includes review of simplifying expressions and fractions, interval notation, inequalities, finding percent, rounds, scientific notation, slope-intercept form, and other topics necessary for the calculation of statistical formulas.

PSYC 1110 Introduction to Psychology

(1 credit for high school, 3 credits for college)

Description: This course will introduce students to the concepts, theories, significant findings, methodologies, and terminology that apply to the field of psychology.

PSYC 2120 Developmental Psychology

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(1 credit for high school, 3 credits for college)

Description: Study of human physical and psychological change and stability from a lifespan development perspective.

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