



Alamogordo High School 2024-2025 Course Catalog



Alamogordo High School
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<https://www.alamogordoschools.org>



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APS Vision:

"Partnering with parents and the community to ensure that all students graduate from high school prepared for success in college and in 21st century careers."

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NEW MEXICO HIGH SCHOOL GRADUATION REQUIREMENTS

The state of New Mexico prescribes specific minimum requirements for high school graduation, based upon the student’s cohort, or expected year of graduation upon enrollment in 9th grade. These graduation requirements include both minimum numbers of credits in specific courses and specific demonstrations of competency in core content areas. The minimum course requirements for graduation for the classes of 2020 and beyond are outlined below.

In order to graduate from high school, students in New Mexico are required to meet the graduation requirements defined in Section 22-13-1.1 Graduation Requirements NMSA 1978. Students must complete a minimum of twenty-four credits with at least one of the credits being an advanced placement (AP) or honors course, or a dual-credit course, or a distance learning course. Pursuant to 22-13-1.1 NMSA 1978, students must also demonstrate competency in the five core content areas: mathematics, reading, writing, science, and social studies.

Graduation Course Requirements for Students in the Graduating Classes. Class of 2024 entering 9th grade 2020/2021, Class of 2025 entering 9th grade 2021/2022, Class of 2026 entering 9th grade 2022/2023, Class of 2027 entering 9th grade 2023/2024. One unit must be honors, Advanced Placement, dual credit, or distance learning.

Content Area	*24 credits to include*
English Language Arts (Reading & Writing)	4 credits English - with major emphasis on grammar, nonfiction writing, and literature
Mathematics	4 credits of math in high school, one of which shall be the equivalent to or higher than the level of Algebra II
Science	3 credits science (2 w/lab)
Social Studies	3.5 credits social studies, including U.S. history and geography, world history and geography, government, and economics, and 0.5 credit N.M. history
Physical Education	1 credit physical education, which may include Marching band, JROTC, or interscholastic sports sanctioned by NMAA
Health	0.5 credit either as a high school elective
Career cluster, workplace readiness or language other than English	1 credit career cluster, workplace readiness or language other than English
Electives	7 credits electives

COHORT 2025

Graduation Requirements to Demonstrate College and/or Career Readiness

<i>Subject Areas in which demonstration of competency is required</i>	<i>Math; Reading; Writing; Science; and Social Studies</i>	
<i>ESSA (Every Student Succeeds Act) Required Assessments</i>	<i>Students may now choose from a menu of options to demonstrate competency without a waiver. PED is no longer using primary and alternative structures</i>	<i>Complete information on the PED website: webnew.ped.state.nm.us</i>
SAT <i>Evidence-based Reading & Writing Mathematics</i> ASR - Assessment of Science Readiness	Math: <i>SAT School Day Mathematics ASVAB or ACT</i> Reading: <i>SAT School Day Reading and Writing Spanish Reading (SBA) or ACT</i> Writing: <i>SAT School Day Reading and Writing SAT School Day Essay or ACT</i> Science: <i>NM – ASR or ACT</i> Social Studies <i>AP Government AP Psychology US History World History</i>	<i>Note: AHS does not offer Integrated Math II or III</i>

COURSE SELECTION/PRE-REGISTRATION PROCESS

Alamogordo High School builds the schedule of classes based on all of the courses requested by students, within the guidelines of New Mexico graduation requirements. Therefore, once completed, student course selections will be considered final unless the selections fail to prepare the student for minimum graduation requirements. Course availability for non-required, elective courses is determined by sufficient student requests and staff availability. Insufficient pre-registration numbers or staffing constraints could cause a course to become unavailable after the initial scheduling selection process. Therefore, students should choose course selections carefully, based on the following factors:

- Requirements for graduation.
- Significance of the course to the student’s educational/career goals.
- Purpose of the course; and
- Possible prerequisites for other courses.

Students are encouraged to seek assistance and guidance from their parents or guardians, teachers, and counselors. The students’ actual schedules will be determined by pre-requisite requirements, student interest, and faculty availability. All students will be registering for next year’s courses online with assistance from the counseling department.

SCHEDULE CHANGES/CORRECTIONS

Adequate schedule planning for students, teachers, and classroom space can be completed only when school officials can consider students' schedule requests to be final and binding. There will be times when a correction is necessary. Students will not be allowed to change their schedules unless there are extenuating circumstances and administrative approval is given. Class schedules may be changed throughout the summer. Changes will be considered only during the **first 10 days** of a semester for the following reasons. The student:

- Does not meet prerequisites for the course.
- Already has credit for the course.
- Failed courses from previous semesters.
- Is requesting a change to a course with a higher degree of difficulty in the same subject area; or
- Needs to fulfill a minimum graduation requirement.

Students who choose to withdraw from a course once the new school year has begun and without administrative approval will receive a "WF" and no credit for the course, regardless of the student's grade at the time of withdrawal. The student's transcript will show a "WF" grade for the semester in which the withdrawal is made and will be calculated in the grade point average and affect class rank. The student will also be on audit status (no credit) for the replacement course. The grade will be reflected on the student's transcript but will not be awarded credit for the course.

Teacher changes will be allowed only with administrative approval. No schedule changes will be allowed during the second semester unless the student has administrative approval. If requesting a level change from an AP/Pre-AP course into a regular course, the student will be required to meet with the AP or Pre AP teacher, his or her parent/guardian, and grade level counselor to consider strategies for helping the student succeed in the class. If the student is still struggling after implementing the strategies, the student, with parent permission, may request a transfer to a regular class if space is available. Student course selections will be considered final unless the selections fail to prepare the student for minimum graduation requirements. See your school counselor for further assistance.

TRANSCRIPTS

Alamogordo Public Schools has partnered with Parchment to Order and send your transcript and other credentials securely and confidentially to the colleges, universities, or organizations you designate. Students can request official or unofficial transcripts by creating an account with Parchments, <https://www.alamogordoschools.org/students/transcript-requests.stml>. Students can also contact AHS registrar @ 575-812-6522. Official transcripts are primarily for college applications and the military. Currently enrolled students can request unofficial transcripts from the counseling departments for personal use. Unofficial transcripts can be used for job applications and as useful information in educational planning.

EARLY GRADUATION

Students who wish to graduate before their graduating class should be aware of certain conditions and requirements. Students must submit an Early Graduation Application, signed by the student and parent, to the 12th Grade School Counselor no later than the first day of school. The Counselor will review the plan, initial required items as they are fulfilled, and ensure the student's schedule and testing data is in order for Early Graduation. Early graduates will remain classified as juniors until the diploma is granted. The New Mexico Public Education Department requires that early graduates meet the graduation requirements, including testing requirements, of the class they entered high school.

Early graduation options include the following:

- the June after the third completed year of high school
- the December of the fourth year of high school
- Students choosing either of these options may participate in the May graduation ceremony.

Students who graduate in December are eligible to attend Prom but must attend as a visitor. Students wishing to participate in the graduation ceremony in May must inform the school and stay informed regarding graduation activities.

MAJOR CLARITY

Completion and annual revision of Major Clarity is a New Mexico Public Education Department graduation requirement. The purpose of Major Clarity is intended for students to develop goals and plans that prepare the student for a prospective career and personal future. Major Clarity helps ensure that every student's education leads to a successful career outcome—whether through college, military or entering the workforce.

DUAL CREDIT

Dual Credit offers students the opportunity to graduate with 24 credits, that is equal to one year of college school or obtain an Associate degree. Dual credit courses allow students to earn both college and high school credit simultaneously. Alamogordo High School has dual credit agreements with New Mexico State University-Alamogordo (NMSU-A) that allow students to enroll in eligible college courses with a tuition waiver. Alamogordo High School works with NMSU to provide the textbook. Students and their families are responsible for course fees, supplies, and transportation, including those for online coursework. It is very important that students apply for dual credit well in advance of their first dual credit course. Students wishing to participate in dual credit courses should contact their school counselor prior to enrolling, as documents must be completed for both AHS and NMSU-A. Students will also be required to attend a mandatory orientation with NMSU before starting NMSUA. Students enrolled in dual credit are subject to the rules, guidelines, and calendars of NMSU-A. Therefore, even if Alamogordo High School has the day off, students are still required to attend their college class if it is scheduled.

College courses worth 3-4 college credits are awarded 1.0 high school credit. College courses worth 1-2 college credits earn 0.5 high school credit. College courses are not given additional weight when awarding GPA points.

Parents and students should carefully review the Dual Credit Agreement of Understanding when enrolling in dual credit coursework. Grades will appear on both your high school and college transcripts, and could affect graduation, grade point average, and class ranking at Alamogordo High School. Failing any course may affect future admission to many colleges and the student's ability to qualify for financial aid and scholarships. The student must meet the requirements of the college course, including attendance. College instructors are not required to accommodate student schedules for sports or other high school activities.

Elective and core courses are offered through Dual Credit. The following dual credit courses may be taken for core credit in place of the high school level course: Biology, Government, Chemistry, Algebra II, English 12, Pre-Calculus, and Economics. Please see your school counselor for eligibility requirements.

DUAL CREDIT TEXTBOOKS

Dual Credit ebooks (textbooks) are managed by Follett Access with NMSU. Ebooks will be issued via NMSU by a link provided by the college. NMSU will charge Alamogordo Public Schools for the ebook. If a student is in need of a physical textbook they will have to pay for that textbook out of pocket. Course Fees are the responsibility of the student. These include lab fees, course materials, for example art classes or welding.

COURSE DESCRIPTIONS

The following courses and descriptions are subject to change due to low enrollment or changes in faculty. In other words, the courses you select from this guide may not be available when the school year begins. If you are scheduled for a course that must be canceled, a schedule change will be made.

If you need guidance to assist you in the course selection process, please seek help from your parents, counselors, and teachers. Be mindful of the minimum graduation requirements when making your selections.

ENGLISH LANGUAGE ARTS COURSES

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 9 (NCAA)	1001	9	NA
<p>Course begins to develop and broaden students' vocabulary and writing skills to prepare for the ACT and SAT. Course builds upon the student's prior knowledge of grammar, vocabulary, word usage, and mechanics of writing. The skills of reading, research, writing, speaking, and listening will be developed. The student will engage in various genres of literature such as novels, short stories, dramas and poetry and respond through writing.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 9 Honors (NCAA)	1001	9	NA
<p>This Honors course begins to develop and broaden students' vocabulary and writing skills to prepare for the ACT and SAT. Course includes study and application of grammar in composition. The composition emphasis is on expository writing and progresses from brief expository writing to well-organized themes of explanation. Writing instruction progresses from exploration of methods to direct application of research techniques. Emphasis is placed on the fundamental and technical elements of short stories, poetry, and drama. In addition, students will be required to produce a well-organized research paper.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 10 (NCAA)	1002	10	NA
<p>Course offers a balanced focus on composition and various genres of literature. Students will continue to develop vocabulary and grammar skills, produce a variety of cohesive compositions, demonstrate critical reading/thinking/listening skills, analyze thematic elements of literature, and develop organizational and research skills. In addition, students will be required to produce a well-organized research paper.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 10 Honors (NCAA)	1002	10	NA
<p>This Honors course continues to develop and broaden students' vocabulary and writing skills to prepare for the ACT and SAT. The course focuses on the development of critical thinking skills through the literal and inferential analysis of various types of writing such as short stories, poetry, myth, drama, novels, nonfiction, and speeches. Additionally, the study of appropriate English grammar and mechanics in both speaking and academic writing will be developed and applied through the creation of narrative, informative, argumentative, literary analysis, and research essays, projects, and oral presentations. Students will also continue to develop the capacity for effective discourse, collaboration, and reflection. This course is designed to prepare students for the demands of upper-level English courses.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 11 (NCAA)	1003	11	NA
<p>Course continues to develop and broaden students' vocabulary and writing skills to prepare for the ACT and SAT. With a focus on improving writing skills, students will master essay structure and the formal writing process. Students will continue critical analysis of literature, and historical and informational texts. Students will gain practice in research through a wide variety of projects.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 11 Honors (NCAA)	1003	11	NA
<p>This Honors course continues to develop and broaden students' vocabulary and writing skills to prepare for the ACT and SAT. With a focus on improving writing skills, students will master essay structure and the formal writing process. Students will continue critical analysis of literature, and historical and informational texts. Students will gain practice in research through a wide variety of projects.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English 11 AP (NCAA, AP Exam)	1012	11	NA
<p>Course is designed to parallel a college freshman-level course in composition and rhetoric. The Advanced Placement Program in English is a rigorous one, designed for students who are reading at or above grade level. The course requires a great deal of reading, writing, and study time outside of class. Students should also possess fundamental skills in inquiry (research), analysis, and informed argument. The reading and composition focus is on non-fiction texts, with an emphasis in argumentation and rhetorical strategies. Students will be required to complete a well-organized, college-level research paper. Students who fail the first semester may be advised to move to a regular class in the second semester.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 12 (NCAA)	1004	12	NA
<p>Course will expand vocabulary for the ACT and SAT, develop group and oral presentation abilities, produce a variety of coherent essays which include but are not limited to college entrance and literary criticism. The student will engage in a study of British literature, history, culture and the development of the English language.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English/Language Arts 12 Honors (NCAA)	1004	12	NA
<p>This Honors course will expand vocabulary for the ACT and SAT, develop group and oral presentation abilities, produce a variety of coherent essays which include but are not limited to college entrance and literary criticism. The student will engage in a study of British literature, history, culture and the development of the English language.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
English 12 AP (NCAA, AP Exam)	1013	12	NA
<p>Course is designed for the highly motivated student seeking rigorous preparation for college. The focus is on learning the skills required to successfully complete the AP Literature and Composition exam in May. The course requires a great deal of reading, writing, and study time outside of class. This course engages students in close reading and critical analysis of literature by authors whose works have recognized literary merit in order to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Students will use written analysis, both formal and informal, to further deepen their understanding of the texts, and the writer's craft. Students are required to actively participate in class discussions and small group assignments. Students who fail the first semester may be advised to move to a regular class in the second semester. It is recommended students have C or better in English 11 before signing up for this class.</p>			

MATHEMATICS COURSES

Course Title	STARS Code	Grade Level	Prerequisite
Algebra I (NCAA)	2031	9	NA
<p>Course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. This course will provide students with a basic foundation of algebra skills enabling them to advance to Geometry and Algebra II. Students in this course are required to have either a scientific calculator or a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Algebra 1 Honors (NCAA)	2031	9	NA
<p>This Honors course is a rigorous study of Algebra topics that includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations. This course will provide students with a basic foundation of algebra skills enabling them to advance to Geometry and Algebra II. Additionally, projects may be assigned throughout the course. Students in this course are required to have a scientific calculator. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Geometry (NCAA)	2034	10	Successful completion of Algebra I
<p>Course emphasizes an abstract, informal approach to the study of geometry and includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system, including the study of conjectures, postulates, theorems, and informal proofs; rules of congruence, similarity, parallelism, and perpendicularity; and rules of angle measurement in triangles, including trigonometry, coordinate geometry, and transformational geometry. A scientific calculator, compass, and protractor are required. Students in this course are required to have either a scientific calculator or a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Geometry Honors	2034	9-10	Successful completion of Algebra I
<p>This Honors course is a rigorous study of Euclidean geometry topics. Emphasis will be placed on an abstract and formal approach to the study of geometry which includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; rules of congruence, similarity, parallelism, and perpendicularity; and rules of angle measurement in triangles, including trigonometry, coordinate geometry, and transformational geometry. Other topics will include spherical/elliptical geometry, algebraic geometry. Due to an accelerated pace, the class will delve deeper into geometry, as well as projects, which will include the research of a mathematician and the history of mathematics, as well as several construction projects. A scientific calculator, compass, and protractor are required. Students in this course are required to have either a scientific calculator or a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Algebra II (NCAA)	2041	11	Successful completion of Algebra I and Geometry
<p>Course includes the study of field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; operations with rational and irrational exponents. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Algebra II Honors (NCAA)	2041	10-11	Successful completion of Algebra I and Geometry
<p>This Honors course is a rigorous study of Algebra topics that include field properties and theorems; set theory; operations with rational and irrational expressions; in-depth study of linear equations and inequalities; factoring of rational expressions; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents. Due to the accelerated pace, additional topics will be covered including an in-depth coverage of conics and trigonometry which cannot be covered due to time constraints in Algebra II. Additionally, projects such as designing fireworks displays and utilizing different function families to draw pictures will be assigned. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better). Additionally, projects such as designing a fireworks display, will be required.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Statistics (NCAA)	2029	11-12	Grade of “D” or better in Algebra II
<p>One semester course; pairs with Trigonometry. Course introduces the student to the major concepts and tools of data analysis. Topics in this course include event probability, collection and description of data, frequency tables and graphs, and random sampling. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Statistics AP (NCAA, AP Exam)	2060	11-12	Grade of “C” or better in Algebra II
<p>Course provides a college level introduction to the major concepts and tools for collecting, analyzing, and drawing conclusions about data. Four main topics, including: exploring data, planning a study, understanding probability theory, and acquiring inferential reasoning skills, are presented throughout the year. Connections are made between all aspects of the statistical process, including design, analysis, and conclusions. Students will learn how to communicate methods, results, and interpretations using the vocabulary of statistics and how to use graphing calculators and computer software to enhance the development of statistical understanding through exploring and analyzing data, assessing models, and performing simulations. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Trigonometry (NCAA)	2043	11-12	Grade of “D” or better in Algebra II
<p>One semester course; pairs with Statistics. Course is a higher level than Algebra II. Course will introduce the student to relationships between the sides and angles of triangles and the properties and applications of the trigonometric functions of angles. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Pre-Calculus (NCAA)	2053	11-12	Successful completion of Algebra II and Geometry
<p>Course prepares the student for success in college-level mathematics courses by providing a solid foundation in algebra and trigonometry. Topics covered include: linear relations and functions, systems of equations and inequalities, polynomial and rational functions, trigonometric functions (their graphs and inverses), trigonometric identities and equations, vectors and parametric equations, polar coordinates and complex numbers, conics, exponential and log functions, sequences and series. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Pre-Calculus Honors (NCAA)	2053	11-12	Successful completion of Algebra II and Geometry
<p>This Honors course prepares the student for success in college-level mathematics courses by providing a solid foundation in algebra and trigonometry. Topics covered include: linear relations and functions, systems of equations and inequalities, polynomial and rational functions, trigonometric functions (their graphs and inverses), trigonometric identities and equations, vectors and parametric equations, polar coordinates and complex numbers, conics, exponential and log functions, sequences and series. Due to the accelerated pace, additional topics will be covered including an in-depth coverage of rotation of conics, parametric equations, conics in polar coordinates, and an introduction to Calculus. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Calculus AP/AB (NCAA, AP Exam)	2058	11-12	Successful completion of Pre-Calculus AND Instructor Approval
<p>Course provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. Introduces 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). Intended to prepare students for the optional AP Exam. Students in this course are required to have a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Financial Literacy	2097	*For Seniors only	NA
<p>Course is NOT NCAA approved. 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 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. Students in this course are required to have either a scientific calculator or a graphing calculator (specifically TI-84 graphing calculators or better).</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Financial Literacy Honors	2097	*For Seniors only	NA

This Honors course is NOT NCAA approved. 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 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. Students in this course are required to have **either a scientific calculator or a graphing calculator (specifically TI-84 graphing calculators or better)**.

SCIENCE COURSES

Course Title	STARS Code	Grade Level	Prerequisite
Anatomy and Physiology (NCAA)	1713	11-12	Successful completion of Biology

Course covers topics relating to the structure and function of the major systems of the human body. Provides advanced preparation for students planning to pursue life science studies at the post-secondary level.

Course Title	STARS Code	Grade Level	Prerequisite
Biology Regular (NCAA)	1711	10	Physical Science/Earth Science

Course covers topics relating to the properties, structures, and processes of living things and the interdependence of living things and their environments. This course prepares the student for AP Biology, and fulfills the biology requirement for graduation.

Course Title	STARS Code	Grade Level	Prerequisite
Biology Honors(NCAA)	1711	10	Physical Science/Earth Science

This Honors course covers topics relating to the properties, structures, and processes of living things and the interdependence of living things and their environments. This course prepares the student for AP Biology, and fulfills the biology requirement for graduation.

Course Title	STARS Code	Grade Level	Prerequisite
AP Biology (NCAA)	1715	11-12	Biology and, Chemistry
<p>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. . 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.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
AP Environmental Science	1752	11-12	Physical Science, Biology & C or better in Algebra 1
<p>AP Environmental Science - Grades 9 - 12 - 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.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Chemistry (NCAA)	1721	10-12	Grade of "C" or better in Biology & Algebra I
<p>Course involves the composition, properties, and reactions of substances. The behaviors of solids, liquids, and gasses; acid/base and oxidation/reduction reactions; and atomic structure are typical concepts explored in Chemistry-First Year courses. Chemical formulas and equations and nuclear reactions are also studied.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Chemistry AP (NCAA, AP Exam)	1725	11-12	Chemistry, and student is currently enrolled in or has completed Algebra II
<p>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. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Earth/Space Science (NCAA)	1701	9	NA
<p>This is a 0.5 credit, one-semester course. Course is a laboratory science course that covers the study of our planet Earth and its neighbors in space. The scientific process and laboratory skills are emphasized along with Earth Science's connections to other scientific disciplines. Students will learn to use evidence-based reasoning and will have the opportunity to improve their reading, writing, and math skills in this class.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Integrated Science	1700	11	NA
<p>Course is designed for juniors who may have struggled in previous science courses and need additional preparation for the 11th grade NM STEM Ready! Science assessment. The course draws from the principles of Physical, Life, and Earth/Space sciences and organizes the material around thematic units. Common themes include systems, models, energy, patterns, change, and constancy. Appropriate aspects from each specialty are used to investigate applications of the themes. Students will learn to use evidence-based reasoning and will have the opportunity to improve their reading, writing, and math skills in this class. Course includes a lab component. This course is not NCAA-approved.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Physical Science	1703	9	NA
<p>This is a 0.5 credit, one-semester course. Typically (but not always) an introductory survey course, topics covered may include forms of energy, wave phenomenon, electromagnetism, structures, states of matter, and physical and chemical interactions.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Physics I AP (NCAA, AP Exam)	1735	10-12	Successful completion of Biology and Algebra 2 or current enrollment in Algebra 2.

Course is designed to parallel college level physics courses that provide a systematic introduction to the main principles of Algebra based physics and emphasize problem solving without calculus. Course content includes the following areas: mechanics; electricity and magnetism; modern physics; waves and optics; and kinetic theory and thermodynamics. This course is intended to prepare students for the optional Advanced Placement Exam in this subject and should follow the published College Board guidelines.

Course Title	STARS Code	Grade Level	Prerequisite
Physics AP- C (NCAA, AP Exam)	1736	11-12	Successful completion of Calculus or concurrent enrollment in Calculus

Course is a calculus-based physics course covering classical mechanics. Strong emphasis is placed on solving a variety of challenging problems, some involving calculus. There will be several laboratory activities. Students are expected to be motivated and handle independent and small group work. There will be a considerable amount of work outside of the classroom. The College Board gives two AP-C exams, one in mechanics, which is this course, and one in electricity and magnetism. This course is equivalent to part of the college sequence that serves as the foundation in physics for students majoring in the physical sciences or engineering.

Course Title	STARS Code	Grade Level	Prerequisite
Forensic Science	1718	11-12	Biology or Chemistry

This phenomena based course focuses on applicable grade-level multidimensionality in the NM STEM Ready! Science Standards addressing topics of: forensic science, discussing the foundation of forensic science in basic science and mathematics, and introducing the technique of integrating these areas in the determination of the cause of death. The philosophical, rational and practical framework that supports a forensic investigation will be presented via an integrated curriculum. Students will study forensic anthropology, biochemistry, chemistry, botany, entomology and physics as well as problem solving techniques utilized in analyzing a crime scene. Other topics include ballistics, autopsies, mass disasters, epidemiology of environmental disasters, biological weapons as well as toxicology, microbiology, and pathology, and engineering design. College Board guidelines.

SOCIAL STUDIES COURSES

Course Title	STARS Code	Grade Level	Prerequisite
NM History	2717	9	NA
<p>Course examines the history and geography of New Mexico. Explores the major geographical features of New Mexico and how the state's unique features impact the pattern of settlement. The course will focus on New Mexico History from statehood until the present.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
World History (NCAA)	2706	10	NM History
<p>Course analyzes the major eras and important turning points in world history from the Renaissance to the present. Geography will be integrated in this course to demonstrate the importance of geographical concepts as they relate to changes throughout the world. Course includes a brief survey that covers the time periods before the Renaissance.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
World History Honors (NCAA)	2706	10	NM History
<p>Course analyzes the major eras and important turning points in world history from the Renaissance to the present. Geography will be integrated in this course to demonstrate the importance of geographical concepts as they relate to changes throughout the world. Course includes a brief survey that covers the time periods before the Renaissance.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
US History (NCAA)	2729	11	World History
<p>Course examines the history of the United States from the Reconstruction era through the present time. Political, military, scientific, and social developments are included as part of historical analysis. Geography will be integrated in the course to demonstrate the importance of geographical concepts as they relate to changes throughout the United States. Course includes a brief survey of American History from colonization through the Civil War.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
US History Honors (NCAA)	2729	11	World History
<p>Course examines the history of the United States from the Reconstruction era through the present time. Political, military, scientific, and social developments are included as part of historical analysis. Geography will be integrated in the course to demonstrate the importance of geographical concepts as they relate to changes throughout the United States. Course includes a brief survey of American History from colonization through the Civil War.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Economics (NCAA)	2741	12	US History
<p>Course provides an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems (including the market economy) on individuals, families, businesses, communities, and governments.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Economics Honors (NCAA)	2741	12	US History
<p>Course provides an understanding of basic economic principles and use of economic reasoning skills to analyze the impact of economic systems (including the market economy) on individuals, families, businesses, communities, and governments.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Government (NCAA)	2730	12	US History
<p>Course provides an understanding of the ideals, rights, and responsibilities of citizenship and an understanding of the content and history of the founding documents of the United States including the New Mexico and United States Constitutions and how governments function at the local, state, tribal, and national levels.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Government Honors (NCAA)	2730	12	US History
<p>Course provides an understanding of the ideals, rights, and responsibilities of citizenship and an understanding of the content and history of the founding documents of the United States including the New Mexico and United States Constitutions and how governments function at the local, state, tribal, and national levels.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Government AP (NCAA, AP Exam)	2736	12	Grade of “B” or better in US History AND previous year’s English class or Instructor Approval
<p>Course fulfills both the Government and Economics graduation requirements. Course prepares students for the AP exam in U.S. Government and Politics. These courses provide students with analytical perspectives on government and politics in the United States, involving both the study and 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.</p>			

SOCIAL STUDIES ELECTIVE COURSES

Course Title	STARS Code	Grade Level	Prerequisite
Sociology	2775	10-12	NA
<p>One semester course; Pairs psychology. Course introduces students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships of individuals and groups in society.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
African American Studies (AP)	2230	9-12	NA
<p>Grades 9 – 12 - AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences by exploring authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. This course is intended to prepare students for the optional Advanced Placement Exam in the subject and should follow the published College Board guidelines. --</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Psychology	2771	10-12	NA
<p>Psychology - Grades 10 - 12 - Course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology. Course pairs with Sociology.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Psychology AP (AP Exam)	2773	11-12	Grade of “B” or better in the most recent English course AND Biology.
<p>College-level course explores the major schools of psychology, important theorists and researchers, and famous experiments that shaped the modern understanding of human thought and behavior. Students are expected to read, think, and write extensively to prepare them for the optional AP exam at the end of the course. AP Psychology is the Capstone course for Students who score a 3, 4, or 5 on the AP exam may receive college credit for this course.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Mock Trial	2765	10-12	Grade of “B” or better in most recent English and Social Studies class taken
<p>Course examines the law and the legal system along with building substantive fact-based arguments. Students will learn how to speak, argue, and debate. Mock Trial will participate in regional and statewide interscholastic competitions. Students in Mock Trial will have after-school practices as well as in-school activities. Licensed lawyers and other legal professionals will work with students and staff. Completer Course on the Law Pathway.</p>			

ATHLETICS, HEALTH, & PHYSICAL EDUCATION

SPORTS PARTICIPATION POLICY

If a student-athlete is accepted into any athletics class and is cut or quits they will remain in the class until the end of the semester. Student-athletes will have the option of moving into another athletic class; however, they will be not eligible to compete until the previous sports season has ended. Student-athletes who elect to transfer out of Athletics at the end of the first semester will not be allowed to transfer back to Athletics class during the current academic year. Eligibility requirements of the NMAA pertaining to age, residence, etc. must be met.

INDIVIDUAL & TEAM COMPETITIVE SPORTS

Course Title	STARS Code	Grade Level	Prerequisite
PE/Baseball	3010	9-12	For all team sports, previous participation in a sport and/or instructor approval required. Because coaches for wrestling, tennis, golf, swimming, and soccer are not PE teachers, PE conditioning for these sports is combined into the Advanced Cross Training course.
PE/Cross Country	3002	9-12	
PE/Basketball/Boys	3004	9-12	
PE/Basketball/Girls	3004	9-12	
PE/Football	3001	9-12	
PE/Softball/Girls	3012	9-12	
PE/Track/Boys	3009	9-12	
PE/Track/Girls	3009	9-12	
PE/Volleyball/Girls	3003	9-12	
PE/Golf	3014	9-12	
PE/Advanced Cross Training	3099	9-12	

HEALTH & PHYSICAL EDUCATION

Course Title	STARS Code	Grade Level	Prerequisite
PE/Fitness Walking	2314	9 -12	NA
<p>Course will help the student develop a personal fitness walking program to strengthen the cardiovascular system. Exercises to improve muscular strength and endurance, flexibility, and core strength will be included. The student will walk a minimum of 2 miles per day.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
PE/Team Sports	2311	9-12	NA
<p>Team Sports - Recommended for Students Grades 9 - 12 - Course that provides instruction and skill development in selected team sports.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
PE/Weight Training and Fitness	2322	10 -12	NA
<p>Course designed for students who want to enhance strength and overall fitness through weight training. Students will learn proper technique in weight training while also increasing cardiovascular fitness through a variety of physical activities. Course curriculum will develop life-long skills for weight training and personal fitness.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
PE/Adapted/Unified	2316	10-12	Instructor Approval
<p>Course is for Adaptive PE students and General Education students. If you are interested in a career in Special Education or simply in helping others, this class is for you! General and Special Education students will be partners in fitness.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Health/9	1401	9 (other grades as needed for graduation)	NA
<p>This is a semester-long (.5) class; state requirement. Course is to provide students with the knowledge and skills they need to live a life of personal health and fitness. The course will focus on personal fitness, decisions related to physical fitness, nutrition, social health, mental health, substance abuse, human sexuality, and disease prevention.</p>			

CREATIVE WRITING AND JOURNALISM

Course Title	STARS Code	Grade Level	Prerequisite
Creative Writing I	1021	9 -12	NA

This class does NOT satisfy an English requirement for graduation; however, students may use products from this course as part of a standards-based portfolio in a competency-based demonstration of competency for the writing portion of the English Language Arts content area. Students will be introduced to the self-discipline it takes to be a writer and are required to keep a writing journal. Students will also be introduced to the fundamentals of creative writing through practice in multiple genres. Through frequent writing exercises, participants will develop such writing resources as voice, imagery, characterization, dialogue, and narration. Students will write several genres over the course of the class, including short story, poetry, creative nonfiction, and genre fiction. Students will have their writing critiqued by their peers and the instructor.

Course Title	STARS Code	Grade Level	Prerequisite
Creative Writing II	1021	10-12	Grade of “C” or better in Creative Writing I

This class does NOT satisfy an English requirement for graduation; however, students may use products from this course as part of a standards-based portfolio in a competency-based demonstration of competency for the writing content area. Students will build upon the writing skills they were introduced to in Creative Writing I. This course is designed to guide students in creative writing through experience in three genres: short story, poetry, and creative nonfiction. The course includes analysis of literary models (professional writings in each genre), individual and class criticism of work in a workshop mode, and lecture on and discussion of literary techniques in each genre. Students will complete a writing portfolio and the instructor will also examine work individually with students during conferences. The writing portfolio will include three short stories, two works of nonfiction, and four poems. Students will have their writing critiqued by their peers and the instructor and will be encouraged to enter their writing in various writing contests and publications.

Course Title	STARS Code	Grade Level	Prerequisite
Creative Writing III	1021	11-12	Grade of “C” or better in Creative Writing II

This class does NOT satisfy an English requirement for graduation; however, students may use products from this course as part of a standards-based portfolio in a competency-based demonstration of competency for the writing portion of the English Language Arts content area. Students will continue to improve their writing ability, add to their writing portfolio, and produce works to submit for publication. The writing portfolio will include six short stories, six works of nonfiction, and ten poems. Students will be required to submit a minimum of six works for publication over the course of the school year. Students will be encouraged both to “write from instinct” and to begin deliberately cultivating a style and identifying personal influences. Students will learn how to produce short stories, poems, and works of creative nonfiction on a deadline. Students will also meet with the instructor and give input into the writing genres they wish to focus on over the course of the school year. Students will have their work reviewed by peers/instructors.

Course Title	STARS Code	Grade Level	Prerequisite
Creative Writing IV	1021	11-12	Grade of “C” or better in Creative Writing III

This class does NOT satisfy an English requirement for graduation; however, students may use products from this course as part of a standards-based portfolio in a competency-based demonstration of competency for the writing portion of the English Language Arts content area. Students will continue to improve their writing ability, add to their writing portfolio, and produce works to submit for publication. The writing portfolio will include six short stories, six works of nonfiction, and ten poems. Students will be required to submit a minimum of six works for publication over the course of the school year. Students will be encouraged both to “write from instinct” and to begin deliberately cultivating a style and identifying personal influences. Students will learn how to produce short stories, poems, and works of creative nonfiction on a deadline. Students will also meet with the instructor and give input into the writing genres they wish to focus on over the course of the school year. Students will have their writing critiqued by their peers

Course Title	STARS Code	Grade Level	Prerequisite
Photojournalism/Graphic Design I	1931	9-12	NA

Students taking this course gain experience photographing people and events as well as learn the basics of print media graphic design. Students will learn basic photo techniques such as composition, lighting, angles, framing and center of interest, and will have access to digital cameras to complete hands-on projects. Students will also practice setting up newspaper and yearbook page layouts and selecting the photos that best fit the headlines and illustrate the stories. Students will learn how to write photo captions and study the laws and ethical considerations that impact photography and photo manipulation. Students will have access to a computer lab and learn how to manipulate digital photos, text and layout design using Adobe Photoshop and InDesign. Students will produce creative ads, yearbook spreads, newspaper layouts, brochures, and flyers utilizing publishing applications. This course is recommended as a prerequisite for Yearbook 1.

2024/25 Eye of the Tiger Yearbook Staff Application

Becoming a staff member of the Eye of the Tiger Yearbook carries the opportunity and responsibility of creating a publication that captures the entire school year. Staff members must be dedicated, good citizens, and work well with others. Yearbook staff members must also have excellent attendance and maintain at least a "C" grade in all of their classes. Please complete all parts of this application to be considered for the position of yearbook staff member. Please understand that the accuracy of your answers will be checked. The application will be available in the Google Classroom.

Course Title	STARS Code	Grade Level	Prerequisite
Yearbook I	1903	9 -12	MUST COMPLETE APPLICATION. You will find this form in Google Classroom. Instructor approval is required for all students.

Throughout the school year students will learn and apply the basic journalism, photojournalism and graphic design skills required to produce the current yearbook. The publication strives to maintain a tradition of excellence in which the school and the community can take pride. Students will communicate in a variety of forms for a variety of audiences and purposes. Students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English and journalism style. Students will learn how to work as a member of a team to produce yearbook pages. Students will have access to digital cameras and a computer lab and will learn the laws and ethical considerations that impact journalism and photojournalism. It is recommended that students take Photojournalism/Graphic Design I as a prerequisite for Yearbook I. Class size is limited, and instructor approval is required to be in the class. This class is available as a double elective.

Course Title	STARS Code	Grade Level	Prerequisite
Yearbook II	1903	10-12	MUST COMPLETE APPLICATION. You will find this form in Google Classroom. Grade of "C" or better in Yearbook I.

Students will build on the journalism, photojournalism, graphic design, and writing skills taught in Yearbook I. Students will also receive leadership training and have an opportunity to take on leadership roles as they help produce the current yearbook. Students will be considered for the roles of editor, managing editor, and team leader. Units of study include teamwork, responsibility, editing, yearbook campaigns, advertising, and distribution. Students will be required to complete a portfolio of their best work. Class size is limited, and instructor approval is required to be in the class. This class is available as a double elective.

Course Title	STARS Code	Grade Level	Prerequisite
Yearbook III	1903	11-12	MUST COMPLETE APPLICATION. You will find this form in Google Classroom. Grade of “C” or better in Yearbook II.

Students will build on the journalism, photojournalism, graphic design, and writing skills taught in Yearbook I and II. Students will also receive leadership training and have an opportunity to take on leadership roles as they help produce the current yearbook. Students will be considered for the roles of editor, managing editor, and team leader. Units of study include teamwork, responsibility, editing, yearbook campaigns, advertising, and distribution. Students will be required to complete a portfolio of their best work, representing their three years as a yearbook staff member. Class size is limited, and instructor approval is required to be in the class. This class is available as a double elective.

Course Title	STARS Code	Grade Level	Prerequisite
Yearbook IV	1903	12	MUST COMPLETE APPLICATION. Grade of “C” or better in Yearbook III. You will find this form in Google Classroom.

Students will build on the journalism, photojournalism, graphic design, and writing skills taught in Yearbook I - III. Students will also receive leadership training and have an opportunity to take on leadership roles as they help produce the current yearbook. Students will be considered for the roles of editor, managing editor, and team leader. Units of study include teamwork, responsibility, editing, yearbook campaigns, advertising, and distribution. Students will have the opportunity to complete photo assignments outside of class and will be encouraged to enter their work in various contests throughout the year. Students will be required to complete a portfolio of their best work, representing their four years as a yearbook staff member. Class size is limited, and instructor approval is required to be in the class. This class is available as a double elective.

FINE ARTS

Course Title	STARS Code	Grade Level	Prerequisite
Creative Art-Sculpture I	1163	9-12	NA
Course focuses on creating three-dimensional works. Students typically work with several types of media (such as clay, wood, soft sculptures, and so on).			

Course Title	STARS Code	Grade Level	Prerequisite
Ceramics/Pottery I	1164	10-12	Sculpture I
Course covers the same topics as Creative Art-Comprehensive courses but focuses on creating three dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, the transformation under heat, and the various methods by which objects are created and finished. Students may need to provide some of their own materials.			

Course Title	STARS Code	Grade Level	Prerequisite
Sculpture II	1163	10-12	Sculpture I or Instructor Approval
Course will introduce the student to advanced techniques using a variety of media. This course emphasizes continuing knowledge in paper, clay, and mixed media for disciplined students. Students must provide some of their own supplies.			

Course Title	STARS Code	Grade Level	Prerequisite
Sculpture III	1163	10-12	Sculpture II or Instructor Approval
Course covers advanced studies in Sculpture. Students will work on an individual basis only. This course is for serious art students only. Students must provide some of their own supplies.			

Course Title	STARS Code	Grade Level	Prerequisite
AP Studio Art: 3D Design (AP Portfolio)	1159	11-12	Sculpture I-II-III or Instructor Approval Required
Course assists students to develop a portfolio demonstrating a broad interpretation of sculptural issues in depth and space. These may include mass, volume, form, plane, light, and texture. This course is intended to prepare students for the optional Advanced Placement Portfolio in this subject and should follow the published College Board guidelines. Students are required to provide extra materials/supplies.			

Course Title	STARS Code	Grade Level	Prerequisite
Art I/Drawing	1154	9-12	NA
Basic drawing concepts and skills to assist the student in acquiring a graphic vocabulary in a variety of drawing media.			

Course Title	STARS Code	Grade Level	Prerequisite
Art II/Painting	1157	10-12	Drawing I or Instructor Approval
Continued exploration of the concepts and techniques presented in Drawing I. Working from imagination as well as observation, emphasizing the expressive potential of the medium.			

Course Title	STARS Code	Grade Level	Prerequisite
Art III Drawing/Painting	1162	10-12	Instructor Approval
Course covers the same topics as Creative Art-Comprehensive courses but focuses on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen and ink, pencil, chalk, watercolor, tempera, oils, and acrylics, and so on) but some <u>courses may focus on only one.</u>			

Course Title	AP Studio Art: 2D Design (AP Portfolio)
STARS Code	1158
Grade Level	11-12
Prerequisite	Drawing and/or Painting I II-III and Instructor Approval required.
Course is to assist students to develop a portfolio demonstrating a broad interpretation of two dimensional issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative manner. This course is intended to prepare students for the optional Advanced Placement Portfolio in this subject and should follow the published College Board guidelines. Students are required to provide extra materials/supplies.	

Course Title	AP Studio Art: Drawing (AP Portfolio)
STARS Code	1183
Grade Level	11-12
Prerequisite	Drawing and/or Painting I-II-III and Instructor Approval required.
<p>Course is to assist students to develop a portfolio demonstrating a broad interpretation of drawing issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative manner. This course is intended to prepare students for the optional Advanced Placement Portfolio in this subject and should follow the published College Board guidelines. Students are required to provide extra materials/supplies.</p>	

PERFORMING ARTS

NOTE: For band and orchestra, two hours of night practice once per week and four before-school rehearsals will be required for students enrolled in band classes. Daily marching band rehearsals will include teaching of drill and rehearsal for shows and marching contests. This will be done by audition only. There is a cleaning fee for uniforms and a rental fee if using a school instrument. Near the end of the spring semester all AHS band students will audition for the following spring concert bands. Band will count as a PE credit toward graduation.

Course Title	STARS Code	Grade Level	Prerequisite
Marching/Concert Band	1123	9-12	Prior music classes to include middle school band, middle school orchestra, middle school choir. Instructor approval required
<p>Students will attend this course if they intend to participate in the Alamogordo Tiger Band. During this course, students will develop the musical and physical skills associated with marching band. This course is intended to allow students to develop and refine the marching show that is assigned throughout the marching season. Students are expected to travel with the band to all competitions and out-of-town performances. Participation credit will be given for this course as well as weekly playing assignments and performance assignments. A physical education credit is assigned to this course. 2 Years in this course will meet the PE requirements for graduation.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Color Guard/Winter Guard	1123	9-12	No prior experience required. Director signature required on elective form.

Students enrolled in this course will be active members of the Alamogordo Tiger Band and Color guard. This course will give students the opportunity to participate in a dance-centered class. In this course, students will learn and develop skills related to the visual and auxiliary aspect of a marching band/winter guard show (flagwork, riflework, saberwork, dance choreography). Students are expected to travel with the band to all competitions and out-of-town performances. Participation credit will be given for this course. A physical education credit is assigned to this course.

Course Title	STARS Code	Grade Level	Prerequisite
Jazz Band	1125	9-12	Must have completed a program in middle school and/or are currently part of the AHS band.

This course encompasses an extensive study of jazz genres, ranging from traditional swing to contemporary fusion. Students will engage in a structured exploration of improvisational techniques, ensemble pedagogy and the historical evolution of the American art form. **STUDENT REQUIREMENTS:** Students must either have completed a middle school program and are current members of the AHS band program OR have demonstrated exceptional capacity at instruments that may not necessarily fit within the traditional band program (those students must contact the directors via in-person or an email and will be handled on a case by case basis)

Course Title	STARS Code	Grade Level	Prerequisite
Orchestra	1124	9-12	Prior music classes include middle school band, middle school orchestra, middle school choir. Instructor approval required

Students who enroll in this course will be participating in the Alamogordo High School String Orchestra. In this course, students will develop their musical skills based off the foundation that was established in their middle school orchestra courses. Students will experience a wide range of techniques and musical literature as it relates to the string orchestra. Students can enroll in this course if they have experience playing violin, viola, cello, or upright bass. Participation credit and weekly assignments will be given during this course.

Course Title	STARS Code	Grade Level	Prerequisite
Advanced Methods	1141	10 - 12	Minimum of 3 immediately prior years enrollment AND instructor approval.
<p>In this year-long advanced course for junior and senior music students will further develop their musical knowledge and skills. Students will learn aspects of music theory, ear training, music history and literature. Students in this course will be expected to audition for any local honor ensembles (all state, southwest honor band, southwest honor orchestra, etc.) and participate in Solo and Ensemble. Participation credit and weekly assignments will be given during this course.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Choir/Chamber Singers 1: SA	1130	9-12	Some previous singing Experience preferred
<p>Sopranos and Altos Only. This class is designed for beginning and intermediate high school singers and will focus on strengthening the FEMALE (biological) singing voice. It also engages skills specific to reading and performing various genres of music in a variety of languages. ALL PERFORMANCES AND AFTER SCHOOL REHEARSALS ARE MANDATORY. Students will perform in four concerts during the school year, plus district and often state competitions and festivals, as well as school and community functions.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Choir/Chamber Singers 2: TB	1130	9-12	Some previous singing Experience preferred
<p>Tenors, Baritones, and Bases Only. This class is designed for beginning, intermediate, and advanced high school singers and will focus on navigating through vocal changes and strengthening the MALE (biological) singing voice. It also engages skills specific to reading and performing various genres of music in a variety of languages. ALL PERFORMANCES AND AFTER SCHOOL REHEARSALS ARE MANDATORY. Students will perform in four concerts during the school year, plus district and often state competitions and festivals, as well as school and community functions.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Choir/Treble Makers	1131	10-12	One-two years of previous high school choir experience. Enrollment is by audition and work ethic. Instructor Approval REQUIRED
<p>This class is designed for advanced Soprano and Altos and will focus on strengthening musicianship quality. It continues to engage skills specific to reading and performing various genres of music in a variety of languages. ALL PERFORMANCES AND AFTER SCHOOL REHEARSALS ARE MANDATORY. Students will perform in four concerts during the school year, plus district and often state competitions and festivals, as well as school and community functions.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Introduction to Theatre	1111	9- 12	NA
<p>Introduction to the Theater - Recommended for Students Grades 9 - 12 - Course provides an overview of the art, conventions, and history of the theater. Although experiential exercises may be included, the courses focus on learning about the theater rather than performance. Students learn about one or more of the following topics: basic techniques in acting, major developments in dramatic literature or major playwrights, the formation of theater as a cultural tradition, and critical appreciation of the art. Other aspects of theatrical production such as technical aspects, costume, makeup, and so on, may also be explored</p>			

Course Title	STARS Code	Grade Level	Prerequisite
ENCORE! Drama/Stagecraft	1112	9 - 12	Students MUST have either taken "Into to Theater" or have previous theater experience in school or community organizations. INSTRUCTOR APPROVAL REQUIRED.
<p>Drama/Stagecraft - Recommended for Students Grades 9 - 12 - Course is intended to promote students' experience and skill development in one or more aspects of theatrical production. Initial courses are usually introductory in nature, while the more advanced courses concentrate on improving technique, expanding the students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions. Career opportunities in the theater may be discussed.</p>			

WORLD LANGUAGES

Alamogordo High School offers the **NM State Seal of Bilingualism and Biliteracy**, on student's diplomas and transcripts, to students who successfully demonstrate proficiency in a language other than English, through various options which include a combination of 4 years of the same world language, a presentation, and/or an assessment, such as the AP exam.

Students must meet all graduation requirements in addition to meeting the seal requirements in order to earn the Seal of Bilingualism.

Course Title	STARS Code	Grade Level	Prerequisite
German I (NCAA)	1256	9-12	NA
<p>Introductory course for students with no prior knowledge of the German language. Instruction concentrates on the acquisition of basic listening, speaking, reading and writing skills. A basic vocabulary will enable the student to engage in basic conversations and situational dialogues. This course also explores everyday life in German speaking countries and introduces students to modern culture through music, stories, customs, videos and news.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
German II (NCAA)	1257	10-12	German I
<p>Course continues with basic vocabulary and structures in order to strengthen basic communication skills on an intermediate level. There is an emphasis on oral proficiency, and increased stress on spontaneous use of the language through communicative activities and situational dialogs. The intermediate level of communication must include the ability to speak interchangeably between the present and past tense. Continuation of culture and history of Germany will be implemented in reading materials and various other authentic resources.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
German III (NCAA)	1258	10-12	German II
<p>Course continues the development of communicative skills, enhances reading skills and appreciation of supplementary materials in literature, history, geography and fine arts. The students begin to manipulate the language through creative and expository writing. Emphasis is placed on cultural issues and the use of German in the classroom.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
French I	1236	9-12	NA
<p>Introductory course of the French language. Instruction concentrates on the acquisition of basic listening, speaking, reading and writing skills. A basic vocabulary will enable the student to engage in basic conversations and situational dialogues. This course also explores everyday life in French speaking countries and introduces students to modern culture through music, stories, customs, videos and news.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Spanish I (NCAA)	1252	9-12	NA
<p>Introductory course of the Spanish language. Instruction concentrates on the acquisition of basic listening, speaking, reading and writing skills. A basic vocabulary will enable the student to engage in basic conversations and provide and obtain basic information through emphasis placed on interpretive and interpersonal modes of communication, as well as cultural and language comparisons. This course is not for Native or Heritage Spanish speakers.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Spanish II (NCAA)	1253	10-12	Spanish I
<p>Course continues with basic vocabulary and structures in order to strengthen basic communication skills in functional contexts. There is an emphasis on oral proficiency, and increased stress on spontaneous use of the language through communicative activities and situational dialogues. An appreciation of the culture of Spanish-speaking countries is enhanced. This course is not for Native speakers; however, Heritage Spanish speakers may take this course after a placement test.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Spanish III (NCAA)	1254	11-12	C or above in Spanish II
<p>Course further refines the skills and cultural awareness previously acquired in the first two levels. A greater emphasis is placed on interpretation of authentic resources and presentational skills. The course is taught predominantly in Spanish. This is the first level recommended for Heritage Spanish-speakers.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Spanish IV (NCAA)	1255	11-12	Spanish III or teacher approval
<p>Course will continue to expand the students' use of higher-level vocabulary as they acquire a knowledge base of more advanced grammatical structures while they read, write and discuss topics presented in class. Newspapers, magazines, online resources, and selected literary works will serve as source material. The primary focus of this class is to increase the students' ability to communicate in Spanish with ease and confidence as they grow in understanding of the products, practices, and perspectives that represent the unique contribution of Hispanics to world culture.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Spanish AP (NCAA, AP Exam)	1202	11-12	B” or above in Spanish IV, or “B” or above on the placement test.
<p>Course is designed for students who have previously had four years of formal Spanish language instruction or Native and Heritage Spanish-speakers. Students will be provided with a variety of activities and authentic resources in order to further refine their skills in listening, speaking, reading and writing, and compare and contrast aspects of the Hispanic culture with their own. The mission of this class is to prepare the students to be successful in the AP Spanish Language and Culture examination in May. Course is taught entirely in Spanish</p>			

OTHER ELECTIVES

Course Title	STARS Code	Grade Level	Prerequisite
Office Work Experience (Aide)	0822	11-12	Principal or Counselor Approval Required
<p>Course provides students with the opportunity to work in campus offices, developing skills related to clerical office work. Duties may include, among others, typing, filing, record keeping, receiving visitors, answering the telephone, and duplicating. Emphasis is placed on appropriate work attitude, human relations, and proper office procedures.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Student Success	0811	9-12	By teacher or counselor referral only.
<p>Course designed to help all students stay in school and develop skills to achieve their life, school, and career goals. An individualized curriculum will focus on academic skills and appropriate behavior in and out of school through study/organization/communication skills, resiliency training, anger management, tutoring, job preparation, economic independence, interview skills, etc. This class will receive the benefit of one-on-one case management and referrals as needed.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
Executive Internship	0853	11-12	Must have a job already Teacher approval required
<p>Course provides students the opportunity to work in the community while earning high school credit. Course requirements include weekly check-ins, report hours work, receive feedback on job performance, write a resume, participate in mock job interviews, and earn a CPR certification. The student must be a junior or senior, and have a 3.0 GPA, no discipline referrals, and no truancy or tardy issues. See Mrs. Mellen in T112 for more details.</p>			

CAREER & TECHNICAL EDUCATION PROGRAMS OF STUDY

Career and Technical Education (CTE) programs of study are a series of courses that prepare students for careers in high-skill, high-demand, and high-wage fields. Programs of study may prepare students to test for an industry-recognized certification, follow-on training, post-secondary education, or direct employment upon high school graduation. AHS offers a variety of selections for students with differing interests.

Safety Contract signature required by the end of the 1st week or the student will be dropped from the course.

AGRICULTURAL

Agricultural - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Introduction to the Science of Agriculture	0133	9-11	NA
<p>The local, national, and global definitions, history, and scope of agriculture in society is covered in this course. It also covers 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. FFA dues are \$25, if a student participates in FFA.</p>			

Agricultural - **Second Course option 1**

Course Title	STARS Code	Grade Level	Prerequisite
Wildlife Science	0177	10-11	Introduction to the Science of Agriculture
<p>This phenomena based course focuses on applicable grade-level multidimensionality of the NM STEM Ready! Science Standards, exploring the interactions of terrestrial and aquatic ecosystems and addresses topics of: interdependent relationships in ecosystems; natural selection and evolution; Earth's systems and human impact; and engineering design. FFA dues are \$25, if a student participates in FFA.</p>			

Agricultural - **Second Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Environmental Science/Natural Science	0181	10-11	Introduction to the Science of Agriculture
<p>Course combines the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within this course may be topics covering environmental factors affecting water, water pollution, water and land use management, alternative energy resources, metals and minerals. FFA dues are \$25, if a student participates in FFA. <i>This does not count as a science credit.</i></p>			

Agricultural - **Completion Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
AP Environmental Science	1752	11 - 12	Introduction to the Science of Agriculture. Wildlife Science or Environmental science/Natural Resources
<p>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. FFA dues are \$25, if a student participates in FFA.</p>			

Agricultural - **Completion Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Agriculture Internship/OJT	0191	11 - 12	CASE Introduction to Agriculture Food, Science, and Safety or Animal & Plant Biotechnology
<p>Through these courses, work experience is gained within the agricultural industry. Goals are set for the employment period. Classroom experience may involve further study in the field, improvement of employability and career readiness skills. FFA dues are \$25, if a student participates in FFA. <i>This internship takes place on campus.</i></p>			

Note: Certifications: CTSO FFA/Skills USA; iCEV; Osha 10 General Industry; Precision Exam – Agricultural Science; Precision Exam – Agricultural Systems

FILM & MEDIA PRODUCTION PATHWAY

This series of courses prepares students to test for an industry-recognized Certificate in Film Production. Testing for certification is not included in these courses, nor is the cost of testing covered in any course fees.

Media Production Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Introduction to Film/Video Production	1172	9-10	Grade of "C" or better in previous English course; basic computer skills preferred.
<p>Course is a text and hands-on curriculum that presents a variety of skills and responsibilities found within film production careers. Classroom introduction of communications technologies as applied in pre-production, production, and post-production areas of filmmaking. Scriptwriting and story-boarding skills are emphasized. Students in 9th with no prior creative media background are eligible.</p>			

Media Production Pathway - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
Film Production II	1176	10-12	Grade of "C" or better in previous English course; basic computer skills preferred.
<p>Course is a text and hands-on curriculum that presents a variety of skills and responsibilities found within film production careers. Classroom introduction of communications technologies as applied in pre-production, production, and post-production areas of filmmaking. Scriptwriting and story-boarding skills are emphasized. Students in 9th with no prior creative media background are eligible.</p>			

Media Production Pathway - **Completion Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
Academic Film Career Experience	0899	11-12	Intro to Film Production or Film Production II. Grade of "C" or better in previous English course; basic computer skills preferred.
<p>Students can choose between Academic Career Experience or Advanced Film Production as their pathway completion course.</p> <p>Through work experiences the student continues to develop career decision-making and employability skills to further expand and gain an in-depth understanding of workplace cultures and expectations. The student demonstrates an understanding of the competing demands and responsibilities that are part of the world of work and learns how to balance those roles in his/her own life. The ability to work well with others; understand complex interrelationships; work with a variety of technologies; acquire and use information; organize, plan, and allocate resources; and safety are included in the curriculum and evidenced through a portfolio. Literacy strategies are integrated throughout the course.</p>			

Media Production Pathway - **Completion Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Advanced Film Production	1199	11-12	Intro to Film Production or Film Production II. Grade of “C” or better in previous English course; basic computer skills preferred.
<p>Students can choose between Academic Career Experience or Advanced Film Production as their pathway completion course.</p> <p>Course presents advanced instruction on professional industry equipment combined with more challenging concepts and skill building in digital filmmaking. 4K Camera equipment, computer generated imagery, digital special effects, chroma-keying effects, advanced audio editing, editing effects and advanced levels of compositing are practiced. Advanced film students will conceptualize and create more advanced film projects from pre-production through post-production. Course culminates with student created films submitted to state competition. Professional portfolios can be created at this stage of the next-step plan. Students in 11th, and 12th grade, meeting prerequisites (which includes instructor approval) are eligible.</p>			

Certifications: CTSO – SkillsUSA; Precision Exam – Video Production I & II; NOCTI: Audio Visual Communications

BIOMEDICAL SCIENCES: **PROJECT LEAD THE WAY (PLTW)**

The PLTW courses allow students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person to learn content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future. Each course in the Biomedical Science sequence builds on the skills and knowledge students gain in the preceding courses.

Biomedical Sciences Pathway - **Introductory Courses**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW® Principles of Biomedical Sciences	1660	9-11	NA
<p>Students provide their own scrubs (required). In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person’s life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.</p> <p><i>\$25 Membership fee to HOSA</i></p>			

Biomedical Sciences Pathway - **Second Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW [®] Human Body Systems	1661	10-12	Principles of Biomedical Sciences or Instructor Approval.
<p>Students provide their own scrubs (required). Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin[®]; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. This course serves as the precursor for PLTW Principles of Biomedical Science 1662. <i>\$25 Membership fee to HOSA</i></p>			

Biomedical Sciences Pathway - **2nd Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW [®] Medical Interventions	1662	11-12	Human Body Systems
<p>Students provide their own scrubs (required). Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course is sequenced after PLTW Human Body Systems 1661. <i>\$25 Membership fee to HOSA</i></p>			

Biomedical Sciences Pathway - **Completion Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW [®] Biomedical Innovations	1664	11-12	Instructor Approval
<p>Students provide their own scrubs (required). In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They can work on an independent design project with a mentor or advisor from a university, medical facility, or research institution. This course is sequenced after PLTW Medical Interventions 1662. <i>\$25 Membership fee to HOSA</i></p>			

Biomedical Sciences Pathway - **Completion Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Health Care Sciences-Other	1599	11-12	Instructor Approval
<p>Students provide their own scrubs (required).</p> <p>Course is reserved for students who choose to take a health occupations dual-credit course for their Biomedical Sciences completion course.</p>			

Certifications: CTSO – HOSA/Skills USA; Precision Exam – Biotechnology, Health Sciences Introductions; Basic Life Support CPR; First Aid CPR; State Certification in Respite Care; OSHA – 10 Hour General Industry (Health Care); Respite Care; EMS First Responder.

BUSINESS & ENTREPRENEURSHIP PATHWAY

The following courses help prepare students to test for the industry-recognized A*S*K Assessment of Skills and Knowledge for Business certificate. Testing for certification is not included in these courses, nor is the cost of testing covered in any course fees.

Business & Entrepreneurship Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Introductory Business	0221	9-11	None
<p>Courses survey an array of topics and concepts related to the field of business. These courses introduce business concepts such as banking and finance; the role of government in business, consumerism, credit, investment, and management; and may provide a brief overview of the American economic system and corporate organization. In addition, Introductory Business courses may expose students to the varied opportunities in secretarial, accounting, management, and related fields.</p>			

Business & Entrepreneurship Pathway - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
Business Ownership & Management Entrepreneurship	0224	10-12	Intro to Business
<p>Courses acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.</p>			

Business & Entrepreneurship Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
Business Work Experience	0297	12; 11th in special circumstances only	Permission of Instructor and with approved application.
<p>Course is gained within the business field. The student, teacher, and employer will set goals cooperatively: classroom attendance, related training experience, and related course work are an integral part of the Business -OJT Experience - Course may also include work-study, internships, school-based enterprises, service learning, mentor programs, or job shadowing experiences. Goals are set for the employment period and related classroom experiences 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. C</p>			

***Certifications:** CTSO – BPA/Skills USA; Precision Exam: Exploring Business and Marketing; Precision Exam: Business and Management; OSHA – Business; A*S*K: Assessment of Skills and Knowledge for Business; NOCTI: General Management*

BUSINESS & ENTREPRENEURSHIP ELECTIVES

Course Title	STARS Code	Grade Level	Prerequisite
Business Computer Applications	0303	9-12	None
<p>This course is designed for students with an interest in business/office occupations, Business Computer Applications courses provide experience in the proper use of previously written software packages. Generally, a wide range of applications is explored, including (but not limited to) word processing, spreadsheet, graphics, and database programs. More advanced topics (such as electronic mail, desktop publishing, and telecommunications) may also be included. Exercises and problems are specifically business related.</p>			

COMPUTER SCIENCE - PLTW PATHWAY

Computer Science Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Project Lead the Way® Computer Science Essentials	0344	9-10	NA
<p>Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.</p>			

Computer Science Pathway - **Second Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
AP Project Lead the Way® Computer Science Principles	0345	10-11	Computer Science Essentials Algebra 2
<p>Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit. Must have passed CS Essentials and Algebra 2.</p>			

Computer Science Pathway - **Second Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
AP Project Lead the Way® Computer Science A	0346	10-12	Computer Science Principles
<p>Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases, as well as creating a game for their friends or an app to serve a real need in their community. This course is aligned to the AP CSA framework.</p>			

Computer Science Pathway - **Completion Course Option 1**

Course Title	STARS Code	Grade Level	Prerequisite
Project Lead the Way® Cyber Security	0347	11-12	AP Computer Science Course
<p>Introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of, and commitment to, ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber infrastructure that moves and processes information safely. A Project Lead the Way course.</p>			

Computer Science Pathway - **Completion Course Option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Advanced Adobe Certification	0399	11-12	AP Computer Science
<p>In the Advanced Adobe Certification course, the student learns a new medium with which to create art. The Student learns visual design elements and principles, learns to use the computer as a visual design medium, and develops skill, confidence, and sensitivity in applying knowledge of art media and techniques to the production of artwork. The student receives training in an industry standard bitmap graphics program (e.g., Adobe Photoshop) in addition to a vector-based (e.g., Illustrator, Blender, and Maya) graphics program. The production of computer art is applied to various other content areas and acquired skills are related to careers in art and other fields that now require computer graphics capabilities. Areas of study are visual design, conventions and history, technical literacy, visual communication, career awareness, and preparation of work for public display.</p>			

Certifications: CTSO – BPA/Skills USA; Comp TIA Security +; Precision Exam: Computer Science Principles; Precision Exam: Computer Technology I & II

COMPUTER SCIENCE ELECTIVES

Course Title	STARS Code	Grade Level	Prerequisite
Adobe Graphics	0315	9-12	NA
<p>Adobe Graphics is a Computer Science elective course. This course provides students with the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising, TV/video, and architecture. Modeling, simulation, animation, and image retouching are possible course topics.</p>			

RESTAURANT AND CULINARY PATHWAY

In this program, students will learn culinary techniques to management skills, ProStart®'s industry-driven curriculum provides real-life experience opportunities and builds practical skills and a foundation that will last a lifetime. The ProStart® program is part of an NMPED-approved program of study. All culinary techniques and preparations must be covered regardless of students' dietary needs or concerns.

Restaurant & Culinary Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Nutrition	0504	9-11	NA
<p>Course offers opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during processing, storage, preparation, and consumption. Designed as a laboratory course, Nutrition explores the effects of various materials, microorganisms, and processes on food products. Components of this class may be incorporated into laboratory exercises of food and nutrition courses. This class may be part of a series of sequential courses designed around healthy lifestyles/ wellness, i.e., physical education, health, chemistry. FCCLA dues are \$20, if a student participates in FCCLA.</p>			

Restaurant & Culinary Pathway - **Second Course** Restaurant & Culinary Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
ProStart® I: Restaurant Management	0532	10-12	Grade of "C" or better in a Nutrition
<p>This is a one-semester, two period course worth 1.0 credit each semester. Sequential course designed to introduce students to industry standards such as customer relations, accounting, food cost controls and marketing. Students are also encouraged to explore a wide variety of careers found in the hospitality and restaurant industries. Students are trained in the National Restaurant Association SERVSafe® Program. Students are trained in the National Restaurant Association SERVSafe® Program. (Co-sponsored by National Restaurant Association Education Foundation). FCCLA is an integral part of the class. FCCLA dues are \$20, if a student participates in FCCLA.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
ProStart®II: Restaurant Management - Certification Program	0599	11-12	Grade of “C” or better in ProStart® I: Nutrition

This is a one-semester, two period course for 1.0 credit each semester. Sequential course designed to introduce students to industry standards such as customer relations, accounting, food cost controls and marketing. Students are also encouraged to explore a wide variety of careers found in the hospitality and restaurant industries. Students are trained in the National Restaurant Association ServSafe® Program. School districts involved in this program must complete an RFP process and be a recognized site. Students are trained in the National Restaurant Association ServSafe® Program. FCCLA is an integral part of the class. **FCCLA dues are \$20, if a student participates in FCCLA.**

Certifications: CTSO – FCCLA/Skills USA; National Restaurant Association: ServSafe Food Handler; National Restaurant Association: ServSafe Food Manager; National Restaurant Association: ProStart I & II; Precision Exam – Hospitality and Tourism; OSHA – 10 Hour General Safety (Culinary); NOCTI – Restaurant Food and Beverage Service

TEACHER EDUCATION

Educators Rising is a career and technical student organization (CTSO), a community-based model, in which chapters at schools provide a clear pathway to increase teacher diversity and teacher quality.

Mission: Educators Rising is cultivating a new generation of highly skilled educators by guiding young people on a path from high school through college and into their teaching careers. By working with aspiring educators who reflect the demographics of their communities and who are passionate about serving those communities through public education, Educators Rising is changing the face of teaching.

Vision: A clear pathway in every school district in America for young people who want to serve their communities as highly skilled educators.

Teacher Education Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Child and Human Development	0550*	9-12	Parent permission required.

Focus: Early Childhood Development. The student will study the developing child from conception to age three, emphasizing the physical, emotional, intellectual, and social developmental stages, parenting responsibilities, relationships, prenatal care, and discipline. Throughout this course students will continually practice math, science, English, history, and writing skills. This course has a strong science base, focusing on the most current research. This course is designed to help students in their common core classes as well as prepare them for life after high school. This is a yearlong course.

Teacher Education Pathway - **Pathway Course**

Course Title	STARS Code	Grade Level	Prerequisite
Teacher Academy 1 (Education Methodology)	0562	10 - 12	GPA of at least a 2.0 Be recommended by two teachers Submit a 500-word essay on why they want to be in this class Be a sophomore, junior, or senior Must have passed Child & Human Development Interview with the Teacher Academy instructor
<p>Course introduces the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. Students will focus on the Educators Rising Standards 1-4: 1) Understanding the Profession, 2) Learning about Students, 3) Building Content Knowledge, and 4) Engaging in Responsive Planning. Teacher Academy courses are often accompanied by opportunities to observe and intern in preschool, elementary and middle school classrooms. Agree to adhere to the Teacher Academy Discipline Policy as outlined in the course requirements. Participate and/or observe teaching activities in a variety of settings (in person and/or virtual)</p>			

Teacher Education Pathway - **Pathway Course**

Course Title	STARS Code	Grade Level	Prerequisite
Teacher Academy 2 (Education Methodology)	0563	11 - 12	GPA of at least a 2.0 Be recommended by two teachers Submit a 500-word essay on why they want to be in this class Be a junior or senior Must have passed Child and Human Development & Teacher Academy 1 Interview with Teacher Academy instructor
<p>Course introduces the principles underlying teaching and learning, focused on Educators Rising Standards 5-7: 5) Implementing Instruction, 6) Using Assessments and Data and 7) Being a Reflective Practitioner. This course typically provides opportunities for students to develop their own teaching objectives, to design and implement lesson plans, and to experience teaching in a controlled environment under the supervision of a cooperating teacher. Agree to adhere to the Teacher Academy Discipline Policy as outlined in the course requirements. Participate and/or observe teaching activities in a variety of settings (in person and/or virtual)</p>			

Teacher Education Pathway - **Completion Courses**

(Intro to Teaching & Practicum OR AP Psychology)

Course Title	STARS Code	Grade Level	Prerequisite
Introduction to Teaching and Practicum	0599	11 - 12	Teacher Academy 2
<p>The final course of the Teacher Academy pathway, this course offers students hands-on teaching experience and practical work experience. Teaching goals may be set cooperatively by the student, teacher, and employer. Students will be graded and evaluated based on a predetermined rubric.</p>			

Certifications: Paraeducator/EA License; Substitute Teaching License

ENGINEERING

Engineering Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW – Intro to Engineering Design	1615	9 - 11	Successfully completed Algebra 1
<p>This course is part of Project Lead the Way. <i>Project Lead The Way</i> Prepares students to be productive and innovative in Science, Technology, Engineering, and Mathematics (STEM) and to make pioneering, meaningful, contributions to our world. PLTW partners with middle schools and high schools to provide a rigorous, relevant STEM education. Through an hands-on, engaging curriculum, PLTW encourages the development of problem-solving skills, creative, critical thinking and innovative reasoning, and a love of learning.</p> <p>Introduction to Engineering Design is the first course in the PLTW curriculum. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human implants, engineering standards and technical documentation. Students use 3-D solid modeling design software (<i>Autodesk Fusion 360</i>) to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.</p>			

Engineering Pathway - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
PLTW – Principles of Engineering	1617	10 - 11	Intro to Engineering Design
<p>Principles of Engineering (POE) is a foundation course for PLTW Engineering at Alamogordo High School. Students are exposed to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary knowledge and skills in mathematics, science, and technology.</p> <p>Students have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APB) learning. By solving rigorous problems using engineering and science concepts within a collaborative learning environment, APB learning challenges students to continually document their work and communicate their solutions to their peers and members of the professional community. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.</p> <p>(A Project Lead the Way course).</p>			

Optional engineering course

Course Title	STARS Code	Grade Level	Prerequisite
PLTW – Aerospace Engineering	1621	10 - 11	Intro to Engineering & Design
<p>Aerospace Engineering ignites students’ learning in the fundamentals of atmospheric and space flight. Aerospace Engineering is one of the specialization courses in the PLTW Engineering program. The course deepens the skills and knowledge of an engineering student within the context of atmospheric and space flight. Students explore the fundamentals of flight in air and space as they bring the concepts to life by designing and testing components related by creating models using industry-standard software. They also apply aerospace concepts to alternative applications such as a wind turbine and parachute. Students simulate a progression of operations to explore a planet, including creating a map of the terrain with a model satellite and using the map to execute a mission using an autonomous robot.</p> <p>The course is planned for a rigorous pace, and it is likely to contain more material than a skilled teacher new to the course will be able to complete in the first interaction. Building enthusiasm while learning real world skills related to the Aerospace industry is a primary goal of the course is structured to facilitate local adaptation to a particular group of students’ prior knowledge and experience.</p>			

Engineering Pathway - Completion Course (students can take this course or AP Physics)

Course Title	STARS Code	Grade Level	Prerequisite
PLTW – Capstone – Engineering Design and Development	1620	11-12	Computer Integrated Manufacturing or Aerospace Engineering
<p>Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an open-ended engineering research course in which students work in teams to design and develop an original solution to a well-defined and justified open-ended problem by applying an engineering design process.</p> <p>Students will perform research to select, define, and justify a problem. After carefully defining the design requirements and creating multiple solution approaches, teams of students select an approach, create, and test their solution prototype. Student teams will present and defend their original solution to an outside panel. While progressing through the engineering design process, students will work closely with experts and will continually hone their organizational, communication and interpersonal skills, their creative and problem solving abilities, and their understanding of the design process.</p> <p>Engineering Design and Development is a high school level course that is appropriate for 12th grade students. Since the projects on which students work can vary with student interest and the curriculum focuses on problem solving, EDD is appropriate for students who are interested in any technical career path. EDD should be taken as the final capstone PLTW course since it requires application of the knowledge and skills introduced during the PLTW foundation courses.</p>			

MESA ENGINEERING

Course Title	STARS Code	Grade Level	Prerequisite
MESA: Math, Engineering, Science Achievement)	1699	9-12	Permission of Instructor and approved application; 2.0 GPA; Grade of “C” or better in most recent Math, Science and English classes; Engineering I or II is highly recommended.

MESA stands for Math, Engineering, Science Achievement. MESA is a pre-college program. It prepares students for college and careers that focus on math, engineering, science or technically related fields.

MESA students participate in a variety of activities from fundraising, creating a business, designing and programming robots, regional and state competitions, field trips, mentoring elementary students, guest speakers, workshops and more! Students take the lead in these activities with the teacher’s supervision.

While in MESA, students have the opportunity to gain LOYALTY POINTS. These points are earned from a variety of activities from attending weekly meetings, listening to guest speakers, working in the workshop, fundraising, etc. At the end of their high school careers, students can earn up to \$1,000 for their commitment and participation in MESA (MESA Success up to \$500 and Einstein Bonus up to \$500).

Certifications: CTSO – Skills USA/TSA; OSHA – 10 Hour General Industry; Auto Desk Inventor; Solid Works; Precision Exam – Engineering Technology; Precision Exam – Engineering Principles

ENGINE, TRANSPORTATION & AUTOMOTIVE MAINTENANCE

These courses prepare students for various industry-recognized Automotive Service Technician (ASE) certification tests such as Auto Maintenance and Light Repair, Automobile Parts Specialist, General Motors Parts Consultant, Automobile Service Consultant, and Automobile & Light Truck. Testing for certification is not included in these courses, nor is the cost of testing covered in any course fees.

Automotive Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Introduction to Automobiles	0901	9-12	NA

Course primarily intended as a personal automobile technician course, but also designed for students exploring future careers in automotive technologies. Introduction to Automobiles courses offer an introduction to the various mechanical systems in automobiles and basic experience in maintenance tasks. The course also covers career opportunities in the automotive, aviation maintenance, and transportation fields.

Automotive Pathway - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
Auto Tech II	0920	10-12	Intro to Automobiles
<p>This is a second sequential course in automotive maintenance meant to take a student into higher level knowledge and skills development. This class will teach safety, precision measurement, tool & shop equipment use, and certification standards of the automotive industry. Semester one students will learn multi-cylinder engine theory while disassembling, reassembling and operating 4-, 6-, and 8-cylinder engines. Semester two students will learn troubleshooting, repair, and preventative maintenance of multi cylinder engines; to include intake, exhaust, and engine management system.</p>			

Automotive Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
ASE Certification Course	0999	11-12	Auto Tech II
<p>This is a third sequential course in automotive maintenance. This class will teach safety, professional communication, and certification standards of the automotive industry. Students will take the ASE Entry Level certification at the completion of this course.</p>			

METALS TECHNOLOGY, WELDING & FABRICATION

These courses help students prepare for tests in industry-recognized National Center for Construction Education & Research (NCCER) certifications such as Sheet Metal, Welding Technician, and Industrial Maintenance. Testing for certification is not included in these courses, nor is the cost of testing covered in any course fees. The knowledge and experience gained in these courses also prepares students for further specialized training and aviation-related careers such as aircraft structural maintenance and repair, vehicle maintenance, etc., as well as general industrial maintenance.

Welding Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Welding I	2414*	9-12	N/A
<p>Course will teach safety and industry standards and all the workings of basic welding. This includes but is not limited to: safety course, basics of OxyFuel cutting, SMAW (Arc Welding) process, and the GMAW (MIG Welding) process. Students must provide their own long denim pants, and leather boots/shoes. Students are not required but may provide their own safety equipment required under OSHA safety standards, including, safety glasses Z87(clear), long-sleeved cotton work shirt, leather welding gloves, and a welding helmet with a #10 shaded lenses. Not available as an online course.</p>			

Welding Pathway - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
Welding II	2416	10-12	Welding I and Instructor Approval

Intermediate course will concentrate on Metal Art, Industry Welding, and Trailer Building and Manufacturing. The course will follow the guidelines of the American Welding Society (AWS). BluePrint Reading. Students must provide their own long denim pants, and leather boots/shoes. Students are not required but may provide their own safety equipment required under OSHA safety standards, including, safety glasses Z87(clear), long-sleeved cotton work shirt, leather welding gloves, and a welding helmet with #10 shaded lenses. Not available as an online course.

Welding Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
Advanced Welding	2498	11-12	Welding II and Instructor approval

Advanced course will concentrate on Metal Art, Industrial Welding, and Manufacturing and Repair. The course will follow the guidelines of the American Welding Society (AWS). Students must provide their own long denim pants, and leather boots/shoes. Students are not required but may provide their own safety equipment required under OSHA safety standards, including, safety glasses Z87(clear), long-sleeved cotton work shirt, leather welding gloves, and a welding helmet with a #10 shaded lens

Orientation to the Trade; safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professional/employability skills. Course provides work experience in the welding or machine technologies field, and is supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job.

Certifications: CTSO – SkillsUSA; OSHA – 10 Hour General Industry; American Welding Society (AWS), D1.1/D9.1; Precision Exam – Welding Technician I, II & III

BUILDING TRADES

Year 1 - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Intro to Building Trades NCCER	0480	9-12	N/A
<p>Basic Safety, Introduction to Construction Math, Introduction to Hand Tools, Introduction to Power Tools, Construction Drawings, Basic Rigging, Basic Communication Skills, Basic Employability Skills, Introduction to Materials Handling, and introduction to basic building trade skills.</p>			

Year 2 - **Second Course**

Course Title	STARS Code	Grade Level	Prerequisite
Residential Construction I	0414	10-12	Intro to Building Trades NCCER
<p>Courses provide information 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 sills and rafters, applying sheathing, siding, and shingles; setting door jambs; and hanging doors. Carpentry courses may teach skills for rough construction, finish work, or both. Students learn to read blueprints, draft, use tools, and machines properly and safely, erect buildings from construction lumber, perform finish work inside buildings and do limited cabinet work. Carpentry, Masonry, and Plumbing are key components of this course.</p>			

Year 3 - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
Residential Construction II	0415	10-12	Intro to Building Trades NCCER
<p>Residential construction II focuses on HVAC and Electrical trade skills. Courses provide students with much of the same knowledge as general carpentry courses (knowledge of various types and grades of woods, proper and safe use of hand and power tools, site selection and preparation), but place a special emphasis on construction methods applicable to floor, wall, roof, and/or stair framing. Course content may also include insulation installation and painting.</p>			

Year 4 - **Internship Course**

Course Title	STARS Code	Grade Level	Prerequisite
Internship Course	0498	Seniors Only	Completed 2 years of the pathway to participate
<p>Courses provide work experience in the construction or related field supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study of the field, improvement of employability skills, safety regulations and OSHA awareness, and discussions regarding the experiences and problems encountered on the job.</p>			

LAW, PUBLIC SAFETY & SECURITY

Law Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
Law Studies	2761	9-11	NA
<p>Law Studies - Grades 9 - 12 - Course examines the history and philosophy of law as part of U.S. society, and includes the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. Although emphasis is placed on the study of law, the workings of the legal system may also be included.</p>			

Law Pathway - **Second Course option 1**

Course Title	STARS Code	Grade Level	Prerequisite
Consumer Law	2762	10-11	Law Studies
<p>Students have the option to take Consumer Law or Mock Trial as their second year course in the Law Pathway.</p> <p>Consumer Law - Course presents a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as future business leaders and employees (such topics may include contracts, commercial paper and debt instruments, property rights, employer/employee relationships, and constitutional rights and responsibilities).</p>			

Law Pathway - **Second Course option 2**

Course Title	STARS Code	Grade Level	Prerequisite
Mock Trial	2765	10-11	Law Studies
<p>Students have the option to take Consumer Law or Mock Trial as their second year course in the Law Pathway.</p> <p>Mock Trial - Students will learn about the law and practical application. Students will learn how to speak, argue, and debate. The course will be a competition class for Mock Trial. Lawyers will work with students.</p>			

Law Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
AP Psychology	2773	11-12	Law Studies Consumer Law or Mock Trial

All AHS students are required to take an Advanced Placement course as part of graduation requirements. This course can count toward graduation requirements.

AP Psychology - Grades 11 - 12 - 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.

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TRAINING CORPS (AFJROTC)

All AFJROTC classes have requirements that apply across the board regardless of the class. Each student upon enrolling the first time is required to pay a course fee of \$60.00 for the purchase of personal items not supplied by the Air Force. Each additional year, students will pay a \$20 course fee. The Air Force provides all required non-personal uniform items at no cost. The student is required to return all government property. Their account is cleared when the student turns their uniform in, professionally cleaned, returns all books and equipment, and leaves ROTC either through graduation or withdrawal from the program. Students are required to meet ALL standards of military dress and appearance as well as adhere to ALL standards of military behavior, discipline, and courtesy. Students are REQUIRED to wear the designated uniform at least once each week for the entire school day and will be inspected in that uniform. Students are also REQUIRED to complete 9 hours of community service to complete each course. Students will NOT smoke while in uniform. Successful completion of at least two semesters of AFJROTC fulfills the 1 credit Physical Education graduation requirement. Successful completion of four semesters earns a certificate allowing advanced enlistment into the armed services. Successful completion of six semesters earns a certificate allowing further advanced enlistment or allows the college ROTC cadet to bypass the first year of college ROTC with approval of the Professor of Aerospace Studies. Junior ROTC courses DO NOT obligate a student to participate in college ROTC nor to enlist in the military. Junior ROTC is a citizenship program.

AFJROTC Pathway - **Introductory Course**

Course Title	STARS Code	Grade Level	Prerequisite
AFJROTC I	2111	9-12	NA
<p>Fee: \$20. Course is the first of the basic courses required before taking any future ROTC courses. The student will learn basic military structure, drill and ceremonies and proper wear of the military uniform. The student will also complete the basic first year leadership course to include traditions, self-control, citizenship, financial responsibility and wellness. The student will complete a course on the history of aviation, which includes origins and growth, the World Wars, the Cold War, humanitarian efforts, Desert Storm, Kosovo and ends with Enduring Freedom. One class per week will be dedicated to Wellness training. Participation in summer orientation is encouraged but not required.</p>			

AFJROTC Pathway - **Pathway Course**

Course Title	STARS Code	Grade Level	Prerequisite
AFJROTC II	2112	10-12	SASI/ASI permission may be required; ASI or JROTC I (other service)
<p>Fee: \$20. The student will continue to become proficient in drill and ceremonies and will complete a course on intercommunication skills to include writing, speaking, listening, individual and group behavior, leadership and teamwork. The student will complete a course on the science of flight, which includes weather, physiology, aeronautics, power plants and navigation. (May alternate this section of the course with the third-year course). One class per week will be dedicated to Wellness training.</p>			

AFJROTC Pathway - **Pathway Course**

Course Title	STARS Code	Grade Level	Prerequisite
AFJROTC III	2121	11-12	SASI/ASI permission may be required; ASI and ASII or ROTC II (other service)
<p>Fee: \$20. The student will now master drill and ceremonies and complete a course on life skills which includes career choice and opportunities, job search and financial planning. The cadet will complete a course on the exploration of space, which includes definitions, exploration, environment, orbits, maneuvering, travel, engineering, systems and operations. (May alternate this section of the course with the second-year course). One class per week will be dedicated to Wellness training.</p>			

AFJROTC Pathway - **Completion Course**

Course Title	STARS Code	Grade Level	Prerequisite
AFJROTC IV	2199	11-12	SASI/ASI permission required; ASI, ASII, ASIII or ROTC III (other service)
<p>Fee: \$20. The student will specialize in managing the corps. The student will complete a course in principles of management, which includes techniques, decisions and functions. The student will continue to manage the corps and may also complete a survey course in geography and a basic course in aircrew survival. One class per week will be dedicated to Wellness training.</p>			

Support Classes

GRADS - Graduation, Reality, and Dual Skills

Graduation, Reality and Dual-role Skills (GRADS) is a program which addresses decision-making, self esteem, relationships, youth development/service learning, economic independence, parenting, and child development for pregnant and parenting teens. Individual projects address identified deficiencies/needs of both generations.

Course Title	STARS Code	Grade Level	Prerequisite
GRADS I: Expectant Teens	0576	9-12	Student must be an expecting parent to enroll; Requires referral or doctor's note.
<p>Course designed for the expecting teen mother or father. Topics may include: Surviving teen pregnancy, the importance of prenatal care, prenatal development, birth and delivery, healthy eating habits, substances and chemicals to avoid, fetal alcohol syndrome, goal setting, decision-making, staying in school, communicating with your partner and his/her family, economic independence and resources for teen parents. GRADS also utilizes additional curricula to reinforce topics and address domestic violence, legal issues pertaining to teen parents, child abuse, transitioning to postsecondary school, and how to get and keep a meaningful job. Case management is an integral part of this course.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
GRADS II: Teen Parenting	0580	9-12	Students must be a parenting teen to enroll.
<p>Course designed for the teen that is parenting a newborn baby or has a child 1-3 years old. Topics may include: Goal setting, decision making, time management, child development, brain development, bonding, potty training, discipline, child support, selecting a childcare center, nutrition, medical attention, economic independence, career planning, job portfolios, healthy relationships, family planning, custody rights, and three-generational living. Case management is an integral part of this course.</p>			

Course Title	STARS Code	Grade Level	Prerequisite
GRADS III: Independent Living	0583	10-12	GRADS II is a co-requisite and instructor approval is required.
Course builds upon the foundation and delves deeper into those topics plus healthy relationships, career enhancement, parenting of a toddler, peer presentations, learning and personality styles, and employability skills.			

SPECIAL EDUCATION COURSES

Course Title	STARS Code	Grade Level	Prerequisite
Community Living: Young Adult Transition Program	2803	12+	Placement by IEP only
This class is for students 18-22 who have met graduation requirements and wish to continue to work on transition goals for employment and independent living. Students will explore possible employment positions within the community, prepare a resume, and fill in applications for employment and possibly for further education. Students will explore independent living skills such as filling in housing and utility applications; planning a budget and completing banking transactions; and exploring leisure activities that fit within their personal budget. The goal of this program will be to help students to become as independent as possible.			

Course Title	STARS Code	Grade Level	Prerequisite
Functional Living Skills	2806	9-12	Placement by IEP only
Curriculum for Functional Living Skills is based on Extended Standards and Benchmarks which require performance-based instruction and testing, preferably in a natural setting. Students are expected to relate daily living skills abilities to their environments, enabling them to adapt to personal, every day, life skills. Students are expected to perform and develop such skills as cooking, cleaning, sewing, personal hygiene, shopping, and other general household maintenance. Other activities incorporate learning community or environmental protocol.			

Course Title	STARS Code	Grade Level	Prerequisite
Reading Intervention	1033	9-12	Placement by IEP only
A diagnostic/prescriptive approach to reading that incorporates technology and reading curriculum. This is a research-based program that addresses fluency, comprehension, and phonics.			

Course Title	STARS Code	Grade Level	Prerequisite
Vocational Co-op	2808	12	Placement by IEP only
Students must have a job to take this course. The curriculum for this course includes but is not limited to interviewing skills, resume writing, work habits, work hygiene, work clothing, volunteering, and part-time/full-time employment.			

Course Title	STARS Code	Grade Level	Prerequisite
Work Training Skills	2808	11-12	Placement by IEP only
Curriculum includes but is not limited to small engine repair and maintenance, basic electrical functioning and description for house wiring, basic plumbing description and installation for houses, metal forge description and operation, basic welding (Arc, MIG, Oxy-Acetylene), and basic auto technology and alternative energy			

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