

Artesia High School

1002 W. Richardson
Artesia, NM 88210-1899
Telephone: 575-746-9816



CURRICULUM HANDBOOK

2026-2027

Administrative Staff

Rhea Lynn Kaufman	Principal
Jackson Bickel	Assistant Principal
Billy Hays	Assistant Principal
Tammie Burnell.....	Secretary
Angelica Rodriguez.....	Receptionist
Leigh Ann Thomas	Registrar

Guidance Staff

Anessa Golden	Senior Counselor
Debbie Kinnibrugh.....	Junior Counselor
Adrienne Blackburn.....	Sophomore Counselor
Eva Cabezuela	Social Worker

Notice

It is the policy of the Artesia Public Schools not to discriminate on the basis of race, sex, religion, national origin, or handicap in any of its educational programs or employment practices. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, may be directed to Mr. Jeremy Maupin, Athletic Director and Title IX Coordinator. Inquiries on Section 504 of the Rehabilitation Act of 1973 may be directed to Mrs. Mitzi McCaleb, Director of Health and Wellness and Section 504 Coordinator, at 301 Bulldog Blvd., New Mexico 88210.

Records of transferring students are released to receiving schools as a matter of normal practice.

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Pre-Enrollment

2026-2027

Pre-enrollment forms and contracts (if applicable) will be distributed to the student after an individual meeting with the grade level counselor. Students and parents will select courses based on the student's next step plan and counselor recommendation. The paper enrollment form and contracts (if applicable) must be **signed by both student and parent**, and returned to the Artesia High School Guidance Office before the counselor will be able to complete enrollment in PowerSchool. All registration must be completed during the open enrollment period designated by the counselors. Failure to complete and return pre-enrollment forms and contracts (if applicable) will result in counselors placing students in classes based on the student's next step plan, prior selection of classes and courses that are most beneficial to the student's academic progress towards graduation. It is vital that all pre-enrollment paperwork and next step plans are turned in to the counselor to enroll in courses.

Counselors will be available to assist students and parents with pre-enrollment. If the student or parent has any questions about courses offered or any questions on pre-enrolling procedures, the student or parent may call the guidance office, telephone number 575-746-9816, for assistance or an appointment.

Any course not having adequate pre-enrolled numbers will not be offered.

Schedule changes will be limited once pre-enrollment is complete. All schedule changes must be submitted on the "Schedule Change Form" and must be approved by an administrator.

Choosing courses wisely during pre-enrollment time is of the utmost importance for students and teachers. Teacher assignments are based upon course requests from students. All students **MUST** be enrolled in seven classes, unless a senior is enrolled in an off-campus period (meeting all graduation requirements).

Graduation Requirements

Parents: We need your help in planning a course of study for your child, and we want you to know the requirements for graduation from Artesia High School as set forth by the Public Education Department of New Mexico and the Artesia Board of Education. We urge you to consider your child's selection of courses carefully to make sure that your child receives the maximum benefits from the opportunities available.

Successful completion of a minimum of fifty (50) credits aligned to the state academic content and performance standards shall be required to earn a New Mexico diploma of excellence. Students will be enrolled in a Seven (7) period school day. One (1) credit will be earned for each course per semester for a total of fourteen (14) possible credits per year. These credits will be as follows:

Class of 2019-2028

Subject	Credits	Courses
English	4 credits	English I, II, III, IV
Math	4 credits	Algebra 1, Geometry, Algebra 2, One additional Math. One course shall be the equivalent to or higher than Algebra II
Science	3 credits	Two shall have a laboratory component
History	3.5 credits	Must include US History & Geography, world history & geography, government & economics, and NM History.
P.E.	1 credit	
Health	.5 credit	
Career Cluster, Workplace Readiness, or language other than English	1 credit	
Electives	7.5 credits	
APS Requirement (One additional elective course)	.5 credit	
**Two of the above credits must be earned in one of the following: <u>advanced placement course</u> ; <u>honors course</u> ; a <u>distance learning course</u> or one credit of a <i>dual credit course of a full curriculum distance learning course</i> .		

Total

25 credits

Class of 2029+

Subject	Credits	Courses
English	4 credits	English I, II, III Fourth English can vary.
Math	4 credits	Algebra I, Geometry. Two additional math courses can vary.
Science	3 credits	Two shall have a laboratory component
History	4 credits	Must include US History w/NM History, World history, Government & Economics, and additional Social Study courses can vary.
P.E.	2 credits	
Health	.5 credit	
Electives	7.5 credits	A two-unit-pathway concentration must be completed.
APS Local Requirement (One additional elective course)	1 credit	
Total	25 credits	

Students who are enrolled in Algebra I during their eighth-grade year may earn high school credit. Students and parents will meet at the end of the eighth-grade year with AJHS Administrative staff about the advantages and possible disadvantages of receiving credit for Algebra I in Eighth grade. Credit for a grade lower than an “A” could adversely affect the student’s GPA. Regardless of outcome of this meeting, the expectation is that students will still complete four years of math grades 9-12.

High School students must participate in the state required Every Student Succeeds Act (ESSA) assessments.

Classification

Students are placed into a cohort at the beginning of their Freshmen year. The name of their cohort is based on their expected year of graduation. (i.e., an incoming Freshmen in 2025 would be considered as the 2029 Cohort.)

Students in their first year of their cohort will be considered as Freshmen.

Students in their second year of their cohort will be considered as Sophomores.

Student in their third year of their cohort will be considered as Juniors.

Students in their fourth year of their cohort will be considered as Seniors.

Students in the fifth or more years of their cohort will be considered as 5th year Seniors.

Honors / Highest Honors/ Class Rank

In order to graduate with **HONORS** status, a senior must be on track to meet all graduation requirements with a core GPA (Math, Science, English and History) of 3.5 or higher by the end of their 7th semester.

In order to graduate with **HIGHEST HONOR** status, a senior must be on track to graduate, have a core GPA (Math, Science, English and History) of 4.0 or higher, and have completed (14) credits of Honors, Dual Credit or AP classes by the end of the 7th semester.

Rank in class is required by colleges and universities on transcripts submitted for entrance evaluation. Class rank shall be determined as follows:

- Class ranking will be determined each semester beginning with the first semester of the ninth grade including any high school credit classes taken before the ninth grade year.

- Class rank will be based only on the grades earned in classes that meet or exceed graduation requirements.

- Total grade points begin accumulating with the ninth grade. These are divided by total units attempted to produce the accumulative grade point average. Students are then ranked according to grade point average.

Credit Recovery

When a freshman or sophomore fails or receives no credit for a core curricular course, the student has one option to recover the credit. This option is to attend summer school at a cost of \$100.00 per class. Sophomores may choose to attend Night School in the spring semester.

When a junior or senior student fails or receives no credit for a core curricular course, the student has two options to recover the credit. The first option is to attend summer school at a cost of \$100.00 per class (*this option is preferred by the administration*). The second option is to include the failed course within the four-period night school the following school year if acceptance criteria is met with a cost of \$100.00 per class. Students will be responsible for paying for all other make-up credits from previous semesters.

Seniors who will graduate late, i.e. in the summer or the next Fall semester, will be charged for summer school courses and night school courses that are taken outside the seven-period day.

Zero Hour

Zero-hour courses give students who are involved in more than one program and/or activity to enroll in a class that is needed for graduation purposes but cannot fit into a student's day school schedule. Zero-hour courses are self-paced, but students should follow the course pacing guide closely. Typically, the class options for zero-hour are foreign language and history classes. However, other course offerings may be made available at the discretion of the student's counselor and with administrator's approval. *(Available for Sophomores, Juniors and Seniors only)*

Example(s)

0. History	0. History	0. History
1. Band	1. Weights	1. Weights
2. English	2. FFA	2. Auto Mech.
3. Math	3. English	3. English
4. Science	4. Math	4. Math
5. Choir	5. Science	5. Science
6. Foreign Language	6. Foreign Language	6. Foreign Language
7. Athletics	7. Athletics	7. Athletics

NCAA Eligibility Center Requirements

These rules establish criteria for eligibility of freshman students to receive athletic grants-in-aid from Division I and Division II colleges and universities. Students must be a high school graduate.

1. Division I (2016): 16 Core Courses, in which 10 core courses completed before the start of the seventh semester. Seven of the 10 core courses must be in English, math or natural/physical science. Please refer to www.ncaa.org. Minimum Core GPA is 2.3.
2. Division II: 16 Core Courses, which include 3 years of English, 2 years of mathematics (Algebra I or higher), 2 years of natural/physical science, 2 years of social science, and 4 years of additional courses from any area above or foreign language or religion/philosophy. Please refer to www.ncaa.org. Minimum Core GPA of 2.2.

All student-athletes should consider registering with the NCAA Eligibility Center. For more information, see your guidance counselor or visit the website at: www.eligibilitycenter.org.

General Information for all Students

Key to Grading System

A — Superior	90-100
B — Above Average	80-89
C — Average	70-79
D — Below Average	60-69
F — Failing	Below 60

Grouped Classes

AP—Advanced Placement
H - Honors
A - Average
ESL - Bilingual
Basic- Special Ed.

Grade point average is computed on work completed during 9th through 12th grades. Activity courses are not counted in the core grade point average. The cumulative grade point average is used for the purpose of ranking students and for meeting scholarship requirements. The grade point average is determined on the following numerical basis:

In order to qualify for the Honor Roll, a student must meet the following requirements:

Based on 9 weeks grades:

Highest Honors: Must have a 4.0 grade point or above with no grade below a “B” in regular or honors classes, and **must be taking at least four core subjects.**

Honors: Must have a 3.5 grade point average or above with no grade below a “B” in regular or honors classes and **must be taking at least four core subjects.**

Weighted Scale	A	B	C	D	F/NC
AP Courses (with AP exam completion)	5.0	4.0	3.0	2.0	0
Honors	4.5	3.5	2.5	1.5	0
Dual Credit Core	4.5	3.5	2.5	1.5	0
Average Courses	4.0	3.0	2.0	1.0	0
Basic Courses	4.0	3.0	2.0	1.0	0

Advanced Placement “AP” curriculum will be offered in English III & IV, Chemistry, Government, US History, World History, and Studio Art. The “AP” classes will follow the rigorous curriculum designed by the College Board. Advanced Placement or Honors students are those students who rank in the upper 10% of their class in ability, performance, and a willingness to work hard both in class and on outside assignments. Extensive outside assignments/ reading will be expected to remain in these classes.

If a Dual Credit class is being taught in conjunction with an AP Class, a student in the Dual Credit class may take the AP exam for an additional 0.5 add-on credit above the Dual Credit Core weighted scale.

Honors courses will be offered in English I & II, Algebra I (8th only), Algebra II, Geometry, Pre-Calculus, Calculus, Biology I (9th only), Anatomy & Physiology, and Chemistry I. These classes will cover the same material as the regular courses; however, the honor classes will be an in-depth, accelerated program.

An academic contract signed by the student, parent, teacher, and administration must be completed before the student will be allowed in the honors, AP classes, or core Dual Credit courses. The AP/Honor/Dual Credit classes will be available to any student who meets the enrollment guidelines in the course description for that subject area. A student who is accepted into an accelerated program will remain in that program if his/her performance is acceptable. **Changes will be made with teacher/administrator recommendation only.** If at the end of the first semester the student elects to be removed from a specific course, they will not be permitted to enroll in an honors course of the same curricula for the remainder of their tenure at Artesia High School. If a student refuses or fails to follow the other academic conditions of the contract for AP, Honor, or Dual Credit classes, they will not receive any add-on value and will not be allowed to take any other AP, Honor, or Dual Credit classes for the remainder of their tenure. *Any deviation from this must be due to extenuating circumstances and have the approval of the grade level counselor and high school principal.*

Secondary (6th-12th grade) "No Credit" Status

The Artesia Public Schools Board of Education prohibits unexcused absences. On the eleventh (11th) unexcused absence or sixteenth (16th) total absence in any one (1) class per semester, the student will be immediately placed on *"no credit"* ("NC") status for that class period. The student will not earn any credit and will receive a grade of "NC" for that class. **A grade of "NC" will be equivalent to an "F" when factored into a student's overall Grade Point Average.** If the student obtains eleven (11) unexcused absences or sixteen (16) total absences in all of his/her classes per semester, the student will be on *"no credit" status for the entire school day.* The student will not earn any credits and will receive a grade of "NC" for all of his/her classes for that semester.

Absences which are not considered toward "no credit" status are as follows: 1) Medical Doctor Excused Absences, 2) Official Absences, 3) Court Subpoenaed Absences, and Homebound Absences. Official documentation from doctor, dentist, or court should be returned to school when the student returns to school. Medical/Professional Excused Absence form must also be completed upon returning to school to have the absence not count towards "no credit" status.

Transfer Grades & Credits from Non-Public Education Department Accredited, Non-Public Schools

All course grades and credits from accredited institutions, including charter schools, will be transferred upon receipt of official transcript. Full grade placement, credits, and grade points will be determined on the same basis as if they were earned in the Artesia Public School district. This includes add-ons, Dual Credit, Honors, and AP accelerated courses.

For transfer from a non-public school/program (home school, private, correspondence, on-line academy, etc.) not accredited by the Public Education Department of New Mexico, Artesia High School will determine grade placement, credits and grade points from the information as listed below. Transferring students and/or their parents/guardians are responsible for providing and arranging for this information.

1. Written documentation of the curriculum, including, but not limited to course description, goals, objectives and materials used for each course requested for credit.

2. Written documentation for evaluation procedures used for each course requested for credit.
3. Nationally normed standardized scores.

The student will be required to take and pass basic skills tests and/or final departmental exams for each course for which credit is requested. Credit is granted on a semester basis; therefore, a student must pass both semester exams for a full year course. The cost of providing the tests and/or exams will be borne by the student requesting placement. If additional assessment is warranted, the student will be referred to for additional evaluation.

Any credits accepted will be on a pass/fail basis with no grade points given.

Electives approved by local boards of education pursuant to the following criteria may be counted toward meeting the requirements for graduation:

1. The program must include a written curriculum.
2. The course must be taught by an appropriately licensed instructor.
3. The course must be in compliance with applicable State and Federal regulations, statutes, standards and guidelines.”

To be eligible for an Artesia High School diploma, a student transferring from a non-accredited non-public school must have attended Artesia High School the full school year immediately prior to graduation. The student is not eligible for class rank or special graduation recognitions (honor graduate, distinguished graduate, valedictorian, etc.)

State Seal of Bilingualism – Biliteracy (SSBB)

The State Seal of Bilingualism – biliteracy on a New Mexico diploma of excellence certifies that the recipient is proficient for meaningful use in college, and a career to meet a local community language need in a world other than English.

An Artesia High School student may demonstrate proficiency and receive the state seal on the graduate's NM diploma of excellence by meeting the following criteria:

1. The student must meet the assessment of proficiency requirement as follows:
 - a. the student must attain a score of three or higher on an advanced placement examination for a language other than English; or
 - b. the student must attain a score of four or higher on an international baccalaureate examination for a higher-level language other than English course; or
 - c. the student must score proficient on a national assessment of language proficiency in a language other than English; or
 - d. the student may demonstrate proficiency by passing a New Mexico assessment in a world language other than English.

The student must create a portfolio comprised of the following: a presentation, an interview with a panel composed of three or more members of the district's education staff and community who are proficient in the target language other than English, and a student-produced work sample, written when appropriate. Districts shall ensure that the alternative portfolio option includes both the receptive and expressive aspects of the language other than English. For any questions or interested in obtaining the SSBB, please contact Mrs. Anessa Golden

Freshman Course Offerings

(As a 9th grade student, you must take one each of: English, Mathematics, Science, New Mexico History & Civics, and Health)

Elective Subjects:	Credit
Family and Consumer Science	2
Woodworking*	2
Creative Art	2
Introduction to the Science of Agriculture*	2
Drafting-General	2
Yearbook	2
Driver's Education (Classroom Only)	2
Athletics	2
Physical Education	2
Concert/Marching Band	2
Library and Information Literacy Skills	2
Office Aide	2
Weight Training (must be enrolled in Athletics)	2
Photography	2
STEM	2
Drama	2
Mixed Choir	2

* Students must be able to purchase materials and supplies during the school year.

Course Descriptions for Ninth Grade Classes

Required Subjects

Core Courses are English, Math, History and Science

10014 English/Language Arts I

10015 English/Language Arts I (Honors)

Course builds upon the students' prior knowledge of grammar, vocabulary, word usage, and mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. Usually, the various genres of literature are introduced and defined, with writing exercises often linked to reading selections. *Honors - The writing component will emphasize appropriate essay structure, the revision process, and peer editing. The literature component will emphasize terminology, elements of fiction, literary genre, and literary analysis.*

2031 Algebra I - 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. Review topics: ratio and proportion, operations with sets, simplifying radical expressions, operations with exponents, and solution of simple linear equations. Enhancement topics: field properties and theorems, set theory, solving systems of linear equations and inequalities, and solving and graphing more complex quadratic equations.

2041 Algebra II (Honors)

Course topics include 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; the complex number system; 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. Review topics: operations involving real numbers, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, operations with and factoring of polynomials, and solving simple quadratics. Enhancement topics: ~~the complex number system; polynomial~~, logarithmic, and exponential functions, relations, and their graphs; conic sections; elementary probability and statistics; matrices and determinants; sequences; and series. *Required: Honors - minimum "A" average in Algebra I or a "B" or higher in Algebra I Honors and instructor recommendation.*

2717 New Mexico History/Civics –This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas. The 9-12 Social Studies Content Standards, Benchmarks, and Performance Standards should be included as appropriate to the course.

1711 Biology- First Year – This is the on-level science course for sophomores. Biology I is designed to provide information regarding the fundamental concepts of life and the processes of living organisms. Topics covered include cells, genetics, evolution, and ecology.

1711 Biology-First Year (Honors)- Course is designed to provide information regarding the fundamental concepts of life and life processes. Topics covered include (but are not restricted to) cell structure and function, general plant and animal physiology, genetics, and taxonomy. *This class is for students whose past grades and test scores are substantially above average and who plan to enroll in three more units of high school science.*

1401 Health Education - Course that provides knowledge and skills practice in a variety of health topics including the six CDC health risk behaviors and must be aligned with the 9-12 PED Health Education content standards with benchmarks and performance standards. This course will meet the graduation requirement for Health Education

Elective Subjects

(As a 9th grade student, you must choose three electives)

0502 Family and Consumer Sciences- General - Courses offered in high school are inclusive of the knowledge and skills useful for the efficient and productive management of the home and family. These courses typically include foods and nutrition; clothing; child development and care; housing design, decoration, and maintenance; consumer decisions; and interpersonal relationships. They may include an introduction to the careers available in the family and consumer sciences field. *Students can expect to purchase their sewing projects during the 2nd semester.*

0417 Woodworking**

Courses introduce students to the various kinds of woods used in industry, and offer experience in using selected woodworking tools. Students design and construct one or more projects, and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance within Woodworking classes, they focus on learning the nomenclature of power tools, developing skills to safely use these tools in the workshop, and becoming familiar with various kinds of wood finishing materials. Advanced students typically design a project; prepare bills of materials, construct, and finish proposed projects. *Students will be expected to pay \$15.00 for supplies in addition to the cost of their materials used in constructing their projects.*

1150 Intro to Art- Course provides students with the knowledge and opportunity to explore an art form and to create individual works of art. Career opportunities in the art world may also be discussed and explored. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although the focus of creative art courses is creation, the study of major artists, art movements, and styles may also be included. *There is a \$10.00 fee per semester that covers the use of equipment and supplies.*

0133 Introduction to the Science of Agriculture** - In this comprehensive course, students will explore the local, national, and global significance of agriculture in society, covering its history and scope. Topics include plant and animal sciences, food production and processing, agricultural mechanics, and natural resource management. Students can develop essential leadership and communication skills. As a Career Technical Education course, the integration of science, mathematics, reading, and writing within the context of agriculture, provides students with practical applications to enhance their employability. A survey of various career opportunities in agriculture and natural resources. The local, national, and global definitions, history, and scope of agriculture in society are covered in this course. *Meets 1st period each day at Artesia High School. Students will get off their buses at the high school or parents may drop them off at the high school Ag building before school. There is a bus to transport students back to Artesia Junior High after class and this is the only school approved method of getting back to AJHS. A class fee of \$20.00 is required to cover FFA dues.*

0818 Drivers' Education-Classroom - Courses provide students with the knowledge and experience to become safe drivers on America's roadways. Legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and

practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs) are all included as topics of this course. Experience in driving a vehicle is an essential component of this course; students usually receive their learner's permit and/or driver's license during or as a result of this course. *In order to enroll, NM state law requires a student to be 15 years old by the end of the course. This is a one semester course.*

0899 STEM: This course is designed to further develop the science, technology, engineering and mathematic skills of students who have a proven interest in these areas. Various areas of S.T.E.M. will be utilized, including participation in scientific competitions such as Science Olympiad. *(Prerequisite: Students must have completed both Science and Math classes the previous year with no less than a "B" average.)*

ATHLETICS: Athletics for both boys and girls will be scheduled for seventh period and after school.

9th grade girls can compete in volleyball, H.S. cross country, H.S. soccer, basketball, H.S. swimming, track, H.S. golf, H.S. tennis, and H.S. softball.

9th grade boys can compete in football, H.S. cross country, H.S. soccer, basketball, H.S. swimming, track, H.S. baseball, H.S. golf, and H.S. tennis.

A student who signs up for Athletics must participate and complete a minimum of two sports. If a student is interested in only a Spring sport, they still must be enrolled in Athletics all year and successfully complete another sport. A student quitting a sport could be immediately removed from Athletics, placed in a P.E. class, and denied the privilege of further participation in the junior high athletic program. Students must have parental permission and a physical examination. All cheerleaders will participate in a spring sport.

3016 Weightlifting/Weight Training– Course that provides instruction and development of skills with free-weights and weight machines. *It is designed to enhance not only strength and flexibility, but also to help prevent injuries related to playing sports.*

The boys' weightlifting class meets first period each day at the weight training facility located at Bulldog Bowl. The girls' weightlifting class will meet first period each day at the Bulldog Pit.

This class will be scheduled only if there are enough students enrolled during the Spring enrollment period. Students will get off their buses at the high school or parents may drop them off at the Bowl before school. There is a bus to transport students back to the junior high after class and this is the only school approved method of getting back to the junior high.

2305 Physical Education– Course that provides instruction and development of skills in human movement, physical activities, and physical fitness. This course must include all of the physical education content standards with 12th grade benchmarks and may be taken to meet the high school graduation requirement.

1123 Concert/Marching Band– Course is designed to develop skill and technique for playing brass, woodwind, and percussion instruments, and cover band literature styles for both concert and marching performances. *The Junior High Concert/Marching Band is a performing group. Performances for concert/marching band include some 8th and 9th grade football*

games, pep assemblies, the Homecoming parade, one Varsity halftime show, Cakewalk, the Winter concert, the Sweetheart concert, the Pre-contest concert, District concert and Sight-reading contest, the Spring concert, and high school graduation. All students are required to participate in solo and ensemble contest. Concert/Marching band students have the additional option of trying out for a position in the All-District Honor Band. Auditions and eligibility are required for placement in the Honor band. Students in the Ninth grade must audition and then be selected to participate in the High School Band.

1130 Mixed Chorus– Course is intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. The course goals may include the development of solo singing ability; one or several ensemble literature styles may be emphasized. *All students will be required to perform at concerts and public performances, and there will be extra rehearsal times called throughout the year. 8th and 9th grade Boys and 9th grade Girls*

1903 Yearbook– Course is responsible for creating, designing, marketing, producing and selling the school yearbook. Techniques in modular layout design, interviewing, writing copy and headlines, editing, advertising sales and design marketing, and business procedures are stressed. All students will be expected to complete assignments on the computer. Meeting regular deadlines and peer cooperation are emphasized in producing the yearbook. *Students must be approved by a Principal. Enrollment will be limited to 25 students.*

1030 Library and Information Literacy Skills- An introduction to information skills: analyzing, evaluating, using and producing information resources. Information resources include all forms of recorded communication: fiction and non-fiction, print, non-print, and electronic media. This introduction will include training in the effective use of library and related resources. *Students must be approved by a Principal and/or Librarian.*

0822 Office Aide- 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. *Students must be approved by a Principal*

1171 Digital Photography– “A picture is worth a thousand words.” Photographs play an important role in our world today. We photograph to preserve memories, document events, and create artistic works. This course introduces students to the basics of digital photography, including camera functions and photo composition. Students will not only learn what it takes to create a good photograph, they will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity and begin to see the world through the lens of a camera. Students are welcome to use their own camera for the course if they have one, otherwise, they will be assigned a school camera. Because the cost of replacing lost or damaged photography equipment is considerable AJHS requires parental/guardian permission before equipment is issued. Through signed consent forms parents/guardians accept responsibility for the cost of the replacement of equipment if *lost* or *damaged*.

0702 Drafting - General – Courses usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications, and then refine the skills necessary for this craft. Drafting-General courses use exercises from a variety of applications to provide students with

the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, multi-view projections, and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives. *This is a dual credit class from SENMC.*

1113 Drama Acting / Performance –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. *This course includes five plays during the school year. The student has a chance to compete at two theatre festivals. There is "A Night of One Acts" which a Senior that has been in the program for three years has the opportunity to direct their fellow students in a short play. There are two full length plays during the year. The fall play is either a drama or comedy play, and the spring play is a children's play. The children's play is performed to the elementary schools and the general public. All rehearsal times takes place outside of the class. Commitment to all projects is required. Students may take the initial drama course each year as scheduling may require, but must understand that the curriculum is foundational each year.*

AHS Students

Required (Core) Sophomore Courses

Required Courses:	Credit
English II	2
Science	2
Mathematics	2
World History / Geography	2

Required (Core) Junior Courses

Required Courses:	Credit
English III	2
US History	2
Mathematics	2
Science	2

Required (Core) Senior Courses

Required Courses:	Credit
English IV	2
Government/Economics	2
Mathematics	2

If you have not passed any previous **required course**, you **must** enroll in that course as a Senior. Seniors must enroll in seven classes unless they are on track to graduate on time. If the Senior is on track to graduate on time, they may be allowed to drop to only having six classes their Senior year. Counselor and Administration approval is required.

Any student wishing to take a dual credit course, **must** have their dual credit form turned in to counselors and/or Mrs. Kaufman by the Wednesday of finals week of the previous semester. Failure to turn in dual credit forms by the deadline will cause the student to be moved into a regular level class.

Students who must have an EdReady score to be eligible for dual credit courses **must** have earned that score by May 1 of the previous school year. Failure to have an eligible EdReady score by May 1 will cause the student to be placed in a regular level course.

AHS Course Descriptions

Advanced Placement

For each AP subject, the College Board asks Development Committees to provide descriptions of typical introductory college courses and to assess equivalent achievement in them. Institutions make use of these course descriptions and assessments so that strong, motivated students can complete meaningful elements and college-level studies while in a participating high school and then proceed to advanced courses, with appropriate credit, at any participating college. Many earned college credit and placement while still in high school. If a student refuses or fails to follow the academic contract, he or she will not receive any add-on value and will not be allowed to take any other AP, Honors, and/or core Dual Credit classes for the remainder of their tenure. *Any deviation from this must be due to extenuating circumstances and have the approval of the grade level counselor and high school principal.*

Please Note: Students who enroll in an Honors or Advanced Placement course and later decide to move to a regular course will not be allowed to do so until the end of the first semester. Students will not be permitted to enroll in an Honors or Advanced Placement course of the same curricula for the remainder of their tenure at Artesia High School.

Bilingual Courses

1065 English/Language Arts ELD – 10th grade, - English Language Arts ELD II - Substituted for Graduation - Grade 10 - This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level (ELP) is nearing proficiency, as measured by the department-approved annual ELP assessment. This course integrates grade-level ELA content with ELD based on the ELP level of ELs. Teachers must have received specialized training in serving the needs of English Language Learners. Course 1065 may be substituted for 1002 to receive high school graduation credit, where applicable, if 1065 meets all course requirements for 1002. (This course is for Category C students only)

1066 English/Language Arts ELD – 11th grade - English Language Arts ELD III - Substituted for Graduation - Grade 11 - This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level (ELP) is nearing proficiency, as measured by the department-approved annual ELP assessment. This course integrates grade-level ELA content with ELD based on the ELP level of ELs. Course 1066 may be substituted for 1003 to receive high school graduation credit, where applicable, if 1066 meets all course requirements for 1003. Teachers must have received specialized training in serving the needs of English Language Learners. (This course is for Category C students only)

1067 English/Language Arts ELD 12th grade - English Language Arts ELD IV - Substituted for Graduation - Grade 12 - This course aligns with grade-level New Mexico Common Core State Standards (NMCCSS) for English Language Arts (ELA) and the current state-adopted English Language Development (ELD) Standards. This course is intended for English learners (ELs) whose English language proficiency level

(ELP) is nearing proficiency, as measured by the department approved annual ELP assessment. This course integrates grade-level ELA content with ELD based on the ELP level of Els. Course 1067 may be substituted for 1004 to receive high school graduation credit, where applicable, if 1067 meets all course requirements for 1004. Teachers must have received specialized training in serving the needs of English Language Learners. (This course is for Category C students only)

1278 Spanish Language Arts II – 10th grade- This course provides instruction in Spanish Language Arts (SLA), with an emphasis on communication and literacy skills (speaking, reading, writing, listening and comprehension). This course must address the Common Core State Standards (Common Core en Español) for SLA. The course offers a balanced focus on composition and literature. Students learn about alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. Students study various genres and improve their reading rate and comprehension, and develop skills to determine authors' intent and theme. This course must be taught in Spanish (home/heritage language). Per the Bilingual Multicultural Education Act, extensive study of cultures and traditions related to the home/heritage language at the regional, national, and international levels must be included. This course WILL be considered as part of a state-funded bilingual program.

1279 Spanish Language Arts III 11th grade- This course provides instruction in Spanish Language Arts (SLA) with an emphasis on communication and literacy skills (speaking, reading, writing, listening and comprehension). This course must address the Common Core State Standards (Common Core en Español) for SLA. It continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and learn techniques for writing research papers. Students continue to read works of literature, which form the backbone of writing assignments. Literary conventions and stylistic devices receive more emphasis than in previous courses. This course must be taught in Spanish (home/heritage language). Per the Bilingual Multicultural Education Act, extensive study of cultures and traditions related to the home/heritage language at the regional, national, and international levels must be included. This course WILL be considered as part of a state-funded bilingual program.

1280 Spanish Language Arts IV 12th grade- This course provides instruction and development for students in Spanish language arts, with an emphasis on communication and literacy skills (Speaking, Reading, Writing, Listening and Comprehension). This course must address the Common Core State Standards (Common Core en Español) for Spanish Language Arts. The course blends composition and literature into a cohesive whole, as students write critical and comparative analyses of selected literature. Typically, multi paragraph essays predominate as the form of student composition, but one or more major research papers may also be written. This course must be taught in Spanish. (i.e. home/heritage language). As per Bilingual Multicultural Education regulation and statute, extensive study of the cultures and traditions related to the home/heritage language at the regional, national and international levels must be included. This course/class WILL be considered as part of a funded bilingual program.

English Courses

1002 English/Language Arts II R180 – Specialized class using the READ 180 Program. The program uses differentiated and direct instruction, adaptive and instructional software, high-interest literature, and focuses on comprehension, reading, writing, and vocabulary skills. It is an intensive reading intervention program that has been proven effective for those students needing additional reading support. Student progress is assessed quarterly through the Scholastic Reading Inventory (SRI). This course will deepen student understanding of text and improve comprehension. Comprehensive Reading instruction will draw on prior knowledge and analytical skills. Comprehension will be monitored as students connect to text. *Placement will be determined by English Department only.*

1002 English/Language Arts II – Course offers a balanced focus on composition and literature. Students learn about the alternate aims and audiences of written compositions by writing persuasive, and critical essays and compositions. Students will write narrative essays conveying an expression or event of real or imaginary using detail. Students will read texts about a topic and create an argument that synthesizes at least three sources to support a thesis statement in a research essay. Students will read complex text closely and compose a literary analysis. The study of literature encompasses various genres as students improve their reading rate and comprehension and develop the skills to determine authors' intent and theme and to recognize the techniques employed by the author to achieve the goal. *Emphasis on World Literature*

1002 English II Honors- Course offers a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi paragraph thematic essays and compositions. The study of literature encompasses various genres as students improve their reading rate and comprehension and develop the skills to determine authors' intent and theme and to recognize the techniques employed by the author to achieve the goal. *-Required: Instructor Recommendation.*

1003 English/Language Arts III R180 – Specialized class using the READ 180 Program. The program uses differentiated and direct instruction, adaptive and instructional software, high-interest literature, and focuses on comprehension, reading, writing, and vocabulary skills. It is an intensive reading intervention program that has been proven effective for those students needing additional reading support. Student progress is assessed quarterly through the Scholastic Reading Inventory (SRI). This course will deepen student understanding of text and improve comprehension. Comprehensive Reading instruction will draw on prior knowledge and analytical skills. Comprehension will be monitored as students connect to text. *Placement will be determined by English Department only.*

1003 English/Language Arts III – This course continues to develop students' writing skills, emphasizing clear, logical writing patterns, word choice and usage, as students write essays and continue to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices receive greater emphasis than in

previous courses. Preparation for the ACT (American College Testing) and SAT (Scholastic Aptitude Test) is included.-*Emphasis on American Literature.*

1012 AP English Language and Composition— “AP Language and Composition will provide instruction in English language skills including reading, writing, speaking, vocabulary development, and listening in areas of nonfiction, fiction, writing, and language. Composition will focus on rhetorical analysis by writing in order to understand, explain, and evaluate. Students will read, write, view, and speak expository, analytical, and argumentative pieces. Writing assignments will include paragraphs, timed essays, formal essays, journal entries, and blogs. Students will be required to write rough drafts and final drafts of essays as well as participate in revising and editing work. Written assignments will be accompanied by a rubric. The study of language will include in-depth students of vocabulary, mechanics, syntax, diction, and style as presented in various works of both classic and contemporary pieces in an assortment of genres. All aspects of this course comply with the College Board requirements for Language and Composition. Students enrolled in this course are required to take the AP English Language and Composition Exam in May. Cost for the exam will be approximately \$99, due in September. Reduced exam fees are available, speak to counselors for more information. This course will alternate years with 1013 AP English Literature and Composition. Required: Instructor Recommendation.

1003 English III Dual Credit—English III Dual Credit is a course for juniors who plan to go to college. It is a much more in-depth study of literature, analysis and logic. This course is a study of American literature and various modes of writing. The student is given the opportunity to respond personally and critically to readings from the four principal literary genres. Emphasis is placed on development of skills and techniques necessary for writing effective expository prose. A research paper is mandatory. *This course will meet the requirements of a college English class through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the spring semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class.* Prerequisites: Satisfactory ACT score or EdReady score.

1004 English/Language Arts IV – This course blends composition and literature into a cohesive whole as students write critical and comparative analysis of selected literature. Typically, multi paragraph essays predominate as the form of student composition, such as research papers and projects will be written in MLA and APA format. An emphasis will be placed on the college application process as well as resumes and the college essay. Preparation for the ACT (American College Testing). *Emphasis on British Literature.*

1013 AP English Literature and Composition— “AP Literature and Composition will provide instruction in English language skills including reading, writing, speaking, vocabulary development, and listening in areas of nonfiction, fiction, writing, and language. Composition will focus on rhetorical analysis by writing in order to understand, explain, and evaluate. Students will read, write, view, and speak expository, analytical, and argumentative pieces. Writing assignments will include paragraphs, timed essays, formal essays, journal entries, and blogs. Students will be required to write rough drafts and final drafts of essays as well as participate in revising and editing work. Written assignments will be accompanied by a rubric. The study of language will include in-depth students of vocabulary, mechanics, syntax, diction, and style as presented in various works of both classic and contemporary pieces in an assortment of genres.

Since this is the class taken by Juniors, the course will have an intense focus on American Literature. All aspects of this course comply with the College Board requirements for Language and Composition. Students enrolled in this course are required to take the AP English Literature and Composition Exam in May. Cost for the exam will be approximately \$99 due in September. Reduced exam fees are available; speak to counselors for more information. This course will alternate years with 1012 AP English Language and Composition. Required: Instructor Recommendation.

1004 English IV Dual Credit - English IV Dual Credit is a course for seniors who plan to go to college. It is a much more in-depth study of literature, analysis and logic. This course is a study of British literature and various modes of writing. The student is given the opportunity to respond personally and critically to readings from the four principal literary genres. Emphasis is placed on development of skills and techniques necessary for writing effective expository prose. A research paper is mandatory. *This course will meet the requirements of a college English class through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the spring semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class.* Prerequisites: Pass English III Dual Credit with a C or better.

Mathematics Courses

High School math courses are listed in order of difficulty which students should follow in their graduation plan.

2034 Geometry (Basic)

2034 Geometry

2034 Geometry (Honors)

Course emphasizing an abstract, formal approach to the study of geometry, 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. Review topics: basic measurement, perimeter, area, and volume, and inductive methods of reasoning. Enhancement topics: topology, locus, and non-Euclidean geometries.

2041 Algebra II (Basic)

2041 Algebra II

2041 Algebra II (Honors)

Course topics include 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; the complex number system; 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. Review topics: operations involving real numbers, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, operations with and factoring of polynomials, and solving simple quadratics. Enhancement topics: logarithmic, and exponential functions, relations, and graphs; conic sections; elementary probability and statistics; matrices and determinants; sequences; and series. *Required: Honors - minimum "A" average in Algebra I or a "B" or higher in Algebra I Honors and instructor recommendation.*

2097 Financial Literacy (Basic)

2097 Financial Literacy – Course provides an understanding of the concepts and principles involved in managing one's personal finances. Topics may include saving and investing, credit and debt, insurance, taxes and social security, spending patterns and budget planning, contracts, the stock market and consumer protection. An overview of the American economy may be provided. *Financial Literacy is math course for seniors. **Students who are on an honors math track or took Math Analysis as a Junior should not take this course.** This class does not meet the NCAA Eligibility Center requirements.*

2024 Applied Math- This course aligns to the high school standards for Mathematics I or Algebra I and Geometry with an emphasis on application in a contextual environment. The fundamental purpose of this course is to extend the mathematics that students learned in Mathematics I or Algebra I and Geometry through applications. This course should allow the students to apply the concepts learned in Mathematics I or Algebra I and Geometry and should not be the first time students learn these concepts. The critical areas deepen and extend understanding of linear and exponential relationships through analyzing, solving, and using quadratic functions. The course expands and explores more complex geometric situations and geometric relationships. The Standards for Mathematical Practice are interwoven with the content standards throughout the course, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

2099 Intermediate Algebra Dual Credit – Intermediate Algebra. Three credit hours. Linear equations, inequalities, systems of equations, polynomials and factoring, quadratic equations, rational expressions, and graphing. *This class is a dual credit college Math class that is taken through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the spring semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class. Prerequisites: Satisfactory ACT score or EdReady score.*

2047 Math Analysis

2047 Math Analysis Dual Credit – This course is higher than the level of Algebra II. Course includes the study of polynomial, logarithmic, exponential, and rational functions and their graphs; vectors; set theory; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity. Review topics: right trigonometric and circular functions and their graphs, and other trigonometry topics. Enhancement topics: elementary probability and statistics, derivatives, and integrals. *Math Analysis is the college preparatory math course for seniors who have successfully completed "Algebra II Regular". This math course may also be taken by juniors who did not meet the requirements for pre-calculus. Dual Credit: This class is a dual credit college Math class that is taken through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the spring semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class. Prerequisites: Satisfactory ACT score or EdReady score.*

2053 PreCalculus Honors –Precalculus incorporates algebraic, graphical, numerical, and verbal analyses through the study of complex numbers; expanded understanding of polynomial and rational, logarithmic and exponential, and trigonometric functions; trigonometric identities and equations; vectors; the polar coordinate system; conic sections; and an introduction to limits; Application-based problem solving using appropriate technology tools is an integral part of the course. *This math course is for juniors who have earned a minimum of a “B” average in Algebra II Honors and who wish to continue in the honors mathematics program. This math course is also for seniors who plan to earn a college degree which requires math intensity. Seniors must have successfully completed Algebra II with a minimum of a “B” average.*

2058 AP Calculus AB – AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate of change problems); and integral calculus (including anti-derivatives and the definite integral). This course is intended to prepare students for the Advanced Placement Exam in this subject and should follow the published College Board guidelines. Students enrolled in this course are required to take the AP Calculus Exam in May. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available, speak to counselors for more information. *Required: Instructor Approval.*

**Enrollment numbers for this class will dictate whether this class is taught with AHS Staff or through Edgenuity.*

2099 Statistics Methods Dual Credit– Statistical Methods. Four credit hours. Beginning course in basic statistical methodology; measures of central tendency, variability, and correlation; probability and sampling distribution; estimation of population parameters and testing hypotheses. *This class is a dual credit college Math class that is taken through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the spring semester. First semester instructor will be provided by AHS certified teacher and the second semester will be provided online through ENMU-R while being facilitated by AHS instructor. Students must meet the required college class enrollment requirements. Class is for Seniors only. Prerequisites: Satisfactory ACT score or EdReady score.*

Science Courses

1731 Physics – This is the on-level science course for sophomores. This phenomena-based course addresses ideas and skills from earlier grades where students explain in depth phenomena central to the physical sciences with connections to the earth and space sciences.

1701 Earth Science – This is the on-level science course for Juniors that is devoted to the HS-ES NGSS standards. As a part of instruction, some NGSS standards for HS-LS and HS-PS will be reviewed. Course offers insight into the environment on earth and the earth’s environment in space. While teaching the concepts and principles essential to an understanding of the dynamics and history of the earth, the following topics may be explored: oceanography, geology, astronomy, meteorology, and geography.

1712 Biology-Advanced Studies (Biology II)– Class offered for Seniors Only. Only students who have passed Biology I are eligible to enroll in this course. Biology-Advanced Studies courses cover biological systems in more detail. Topics that may be explored include environmental ecological principles, human impact, human anatomy and physiology; and organisms' evolution and adaptation. *Prerequisite: Credit earned for two semesters of Biology I.*

17214 Chemistry - First Year – This course is for college bound students who have successfully completed Biology I AND Algebra I with at least a “C” average in both classes. This course is math intensive and will include homework on a daily basis. It involves the composition, properties, and reaction of substances. Chemical formulas and equations are also studied. *Prerequisites: “C” in Biology and “C” in Algebra I and instructor recommendation.*

17215 Chemistry–First Year Honors (Pre-AP Chemistry) – This is an honors course taken after Biology. Pre-AP Chemistry is a fast paced, academically rigorous course. It is math based and lab driven. Content includes topics typical of an introductory chemistry course but at a faster rate and in more depth than that found in on-level first year chemistry classes. Daily homework assignments are an integral part of the course and will typically take about thirty minutes per day to complete. *Prerequisites: “B” average in Biology I and “C” average in Algebra I.*

1725 AP Chemistry –AP Chemistry is designed to parallel the first year of college level general chemistry. It requires more time and effort than regular secondary chemistry courses. Homework assignments are an integral part of the course and will typically take thirty to forty-five minutes per day to complete. The curriculum is set by the College Board, and topics include stoichiometry, aqueous reactions, bonding, gases, thermodynamics, kinetics, equilibrium. Students enrolled in this course are required to take the AP Chemistry Exam in May. Cost for this exam will be approximately \$100 due in February. Reduced exam fees are available; speak to counselors for more information. *Prerequisites: “C” average in Honors Chemistry and instructor recommendation.*

1733 Physics – Advanced – This course is taken by Seniors and involves the study of the forces and laws of nature affecting matter: equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, magnetic, and electric phenomenon. *Prerequisite: Chemistry I and Algebra II.*

1713 Anatomy and Physiology (Honors) – This is an honors level course taken by seniors after courses in Biology and Chemistry. Anatomy and Physiology-Honors is academically rigorous and provides an in-depth look at the systems of the human body. It includes extensive reading assignments and requires excellent memorization skills. Students learn anatomical terminology, review chemical concepts, study cells and tissues, and explore functional systems (skeletal, muscular, circulatory, reproductive, etc.). Dissections include preserved sheep brains, eyes, and hearts. *Prerequisite: Seniors only; “B” average in Biology, “B” average in Chemistry and instructor recommendation.*

Social Science Courses

2706 World History and Geography – Course covers the major eras and important turning points in world history from the Renaissance to the present. Included within this course is world geography to support geographical concepts as they relate to the understanding of the changes throughout the world. In addition, 9-12 Social Studies Benchmarks and Performance Standards (History, Civics and Government, Economics and Geography) should be included as appropriate to the course. *Required for all Sophomores.*

2755 AP World History– The purpose of this course is to develop greater understanding of the evolution of global processes and contracts, in interaction with different types of human societies. Focused primarily on the past 1,000 years of global experience the course builds and understanding of cultural, institutional, and technological precedents that, along with geography, set the human state prior to 1000 C.E. (AP World History will not have to submit an alternative credit request but will need to include the geography component in the written and delivered curriculum in order to meet the graduation requirement.) This course is intended to prepare students for the Advanced Placement Exam in this subject and should follow the published College Board guidelines. Students enrolled in this course are required to take the AP Calculus Exam in May. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available, speak to counselors for more information.

2729 US History / Geography – Course examines the history of the United States from the Civil War or Reconstruction era (some courses begin at a later time period) through the present time. Political, military, scientific, and social developments are typically included as part of the historical overview. Included within this course is U.S. Geography to support geographical concepts as they relate to the understandings of the development of the U.S. *Required for all Juniors.*

2725 AP U.S. History – Course prepares students for the AP exam in U.S. history and provides students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students learn to assess historical materials, and to weigh the evidence and interpretations presented in historical scholarship. The course examines time periods from discovery and settlement of the New World through the recent past. (Note: Districts asking to meet the United States History/Geography course requirement through this course include geography within the written and delivered curriculum in order to meet state graduation requirement. Included within this course is U.S. Geography to support geographical concepts as they relate to the understanding of the development of the U.S.) This course is intended to prepare students for the Advanced Placement Exam in this subject and should follow the published College Board guidelines. Students enrolled in this course are required to take the AP Calculus Exam in May. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available, speak to counselors for more information.

2729 US History / Geography Dual Credit I –The primary objective of this course is to serve as an introduction to the history of the United States from the pre-colonial period to the immediate aftermath of the Civil War. The elements of this course are designed to inform students on the major events and trends that are essential in the

understanding of the development of the United States within the context of world societies. Political, military, scientific, and social developments are typically included as part of the historical overview. (Note: Included within this course is U.S. Geography to support geographical concepts as they relate to the understandings of the development of the U.S.) *This class is a dual credit college Social Studies class that is taken through ENMU-R. Students must be enrolled both semesters and dual credit will be given in the fall semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class. Required: Instructor Recommendation*

2729 U.S. History Dual Credit II –The primary objective of this course is to serve as an introduction to the history of the United States from reconstruction to the present. The elements of this course are designed to inform students on the major events and trends that are essential in the understanding of the development of the United States within the context of world societies. Political, military, scientific, and social developments are typically included as part of the historical overview. (Note: Included within this course is U.S. Geography to support geographical concepts as they relate to the understandings of the development of the U.S.) *This class is a dual credit college Social Studies class that is taken through ENMU-R. Students must be enrolled in both semesters and dual credit will be given in the spring semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class. Required: U.S. History I*

2730 U.S. Government-Comprehensive- Course provides an understanding of the ideals, rights, and responsibilities of citizenship and understand 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. In addition, 9-12 Social Studies Benchmarks and Performance Standards (History, Civics, and Government, Economics and Geography) should be included as appropriate to the course. *One semester course required for all Seniors. Economics will be taken the other semester.*

2736 AP U.S. Government and Politics – Course prepares students for the AP exam in U.S. Government and Politics. These courses provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the following topics: constitutional underpinnings of 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. This course is intended to prepare students for the required Advanced Placement Exam in this subject and should follow the published College Board guidelines. Students enrolled in this course are required to take the AP US Government Exam in May. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available, speak to counselors for more information. *One Semester Course. Economics will be taken the other semester. Required: Instructor Recommendation.*

2739 DC Principles of Democracy –This dual credit course fulfills the state graduation requirements for government and economics. The course is designed for students planning to go to college, who can manage the demands of an advanced government class. Focus of the course is on the principles and belief upon which the US was founded, along with the functions, structure, and powers of local, state, and federal government bodies. The course includes the philosophical and historical aspects

of democratic government, as well as the influence of geographical regions. Students learn how government and citizenship are related, and how government is affected by science, technology, and culture. *This class is a dual credit college Social Studies class that is taken through ENMU-R. Economics will be taken the other semester. Students must meet the required college class enrollment requirements. Class will be offered by an instructor and is not an online class.*

2741 Economics – Course provides for 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. In addition, 9-12 Social Studies Benchmarks and Performance Standards (History, Civic and Government, Economics and Geography) should be included as appropriate to the course. *This is a one semester course for all Seniors. Government will be taken the other semester.*

2717 New Mexico History –This survey course supports students to become more knowledgeable and aware of the historical, cultural, economic, and political history of New Mexico and their geographical connections. Students will analyze the role that New Mexico plays in national and international arenas. The 9-12 Social Studies Content Standards, Benchmarks, and Performance Standards should be included as appropriate to the course. *This course is one semester.*

Elective Courses

Agriculture

0137 Agricultural Leadership/Communication – Course is designed to strengthen students' personal and group leadership skills. Topics such as public speaking, effective communication, human relations, parliamentary law, and group dynamics are covered. Also covered is the development of Programs of Activity, and Service-Learning projects, including student development, chapter development, and community development. Service-Learning projects and student lead education development are included, specifically utilizing the NM Ag in the Classroom project partnering with elementary school students. *A class fee of \$20.00 is required to cover FFA membership dues, FFA New Horizons magazine subscription, and a small portion of organizational expenses.*

0161 Science of Large Agriculture Animals Dual Credit –This foundation-level course engages students in hands-on laboratories to explore animal agriculture. The course involves information about the care and management of domesticated animals. Animal nutrition, health, reproduction, genetics, facilities, and marketing are all possible topics; Study of anatomy and physiology of livestock and other domesticated animals. Examination of developmental stages and analysis of feed ration for different parts of an animal's life cycle. Identification of environmental factors that affect an animal's performance, and recognition of animal behaviors to facilitate working with animals safely. Students will create a comprehensive Producer's Management Guide for an animal of their choice, covering topics such as care, nutrition, health, reproduction, and marketing. They will investigate animal anatomy, behavior, and the environmental factors affecting performance while analyzing developmental stages and feed rations. Additionally, students will document their projects and communicate their findings to peers and the professional community, preparing them for future careers in the animal agriculture industry. *This course will alternate years with 0199 Ag Media/ Communications Dual Credit. Students must be enrolled in both semesters and dual credit will be given in the spring*

semester. A class fee of \$20.00 is required to cover FFA membership dues, FFA New Horizons magazine subscription, and a small portion of organizational expenses.

0199 Ag Media/Communications Dual Credit – Course will allow students an overview of the discipline of agricultural communications in terms of history, theory, skills, and career pathways. The purpose of this course is to provide students with a comprehensive review of information sources, media, and audiences of agricultural communications; improve student interpersonal, written, visual and oral communications; and examine the role of media in agricultural communications. Additionally, students will examine the vital role of media in agricultural communications, learning how effective communication can impact on the agricultural sector as well as the communication needed for agriculture issues. *This course will alternate years with 0161 Science of Large Agriculture Animals Dual Credit. Students must be enrolled in both semesters and dual credit will be given in the spring semester. A class fee of \$20.00 is required to cover FFA membership dues, FFA New Horizons magazine subscription, and a small portion of organizational expenses.*

0141 Horticultural/Botany - The focus of this course is on the science of plants (botany). Specific topics include photosynthesis and respiration, analysis of the difference of plant and animal cell structure, genetics, taxonomy and classification. Also included are topics covering entomology, soil chemistry, and plant diseases; virus and bacteria life cycles and effects on plant growth. Focus is on horticultural crops including greenhouse, landscape and floral plants. *A class fee of \$20.00 is required to cover FFA membership dues, FFA New Horizons magazine subscription, and a small portion of organizational expenses.*

Allied Health

The Allied Health program offers instruction and hands-on learning opportunities through SENMC for dual credit.

AHS Course	SENM Course	Eligible Students	Semester	Location
1599 NURS 150	NURS 150 Medical Terminology	Juniors	Fall	AHS
1599 HIT 140	HIT 140 – Pathophysiology	Juniors	Spring	AHS
Nurse/HIT 120	HIT 120 Introduction to Pharmacology	Seniors	Fall	AHS
AHS 202	PHLS 1110G Personal Health & Wellness	Seniors	Spring	AHS

**Students must follow this course progression and may only continue on to the next course if earning a “C” or better.*

NURS 150 Medical Terminology - The study and understanding of medical terminology as it relates to diseases, their causes and effects, and the terminology used in various medical specialties. Emphasis will be placed on learning the basic elements of medical words, appropriate spelling and use of medical terms, and use of medical abbreviations. Grade of C or better.

HIT 140 Hi Pathophysiology —This course is an introduction to the nature of disease and its effects on body systems. Deals with the disease processes affecting the human body via an integrated approach to specific disease entities, includes a review of normal function of the appropriate body systems. Diseases will be studied in relation to their etiology, pathology, physical signs and symptoms, diagnostic procedures, complication, treatment modalities, and prognosis.

HIT 120: Introduction to Pharmacology –Introduction to the principles of pharmacology, including drug terminology; drug origins, forms, and actions; routes of administration; as well as the use of generic name drugs, trade name drugs and categories of drugs to treat multiple and specific body systems.

PHLS 1110G Personal Health and Wellness A holistic and multi-disciplinary approach towards promoting positive lifestyles. Special emphasis is placed on major problems that have the greatest significance to personal and community health. Topics include nutrition, stress management, fitness, aging, sexuality, drug education, and others.

Art

1150 Intro to Art –Course provides students with the knowledge and opportunity to explore an art form and to create individual works of art. The language of art, materials (media), and the processes used for particular art forms, as well as the art elements and principles of design, will be covered in support of the creation of personal works of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although the focus of creative art courses is creation, the study of major artists, art movements, and styles may also be included. Career opportunities in the art world may also be discussed and explored. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. *There is a \$10.00 fee per semester that covers the use of equipment and supplies.* (This is the first art class for any student grades 9-12)

1161 Creative Art-Comprehensive –Course is designed to develop student awareness of the creative process as it relates to form, subject, and concept in visual art. Course provides students with the knowledge and opportunity to explore an art form and to create individual works of art. Assignments grow student critical and creative thinking capacity while deepening confidence in choice and self-expression, and expanding on self-reflection through the critique process. Students taking this course will also develop time management strategies as they research, develop, and design individualized artworks, while strengthening their awareness of the creative process. Students taking this course will be prepared for the expectations of higher-level education visual arts courses, such as AP Studio Art and college and university level courses, and will build upon the knowledge, skill, and vocabulary gained in Introduction to Art. Career opportunities in the art world may also be discussed and explored. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. *There is a \$10.00 fee per semester that covers the use of equipment and supplies.* (Must have completed 1150 Intro to Art)

1183 AP Studio Art-Drawing Portfolio– Courses develop students' aesthetic and creative faculties, offer training in awareness and criticism of art, and enable students to create quality works of art of their own. Students will perform both studio and research work; the research component is designed to investigate particular topics or concepts of interest in further detail. Students will be required to develop a 2-section, digital portfolio that shows a fundamental competence and range of understanding in visual concerns and methods, that will be submitted to **College Board** at the end of the course. The portfolio must demonstrate depth of investigation and process of discovery through the **Sustained**

Investigation section (Section 1). This section will consist of 15 digital images that can include process documentation and works of art and design, and typed responses to prompts, that provide information about the inquiry that guided their investigation and ways they practiced, experimented, and revised. Section 2, **Selected Works**, will consist of 5 works with commentary identifying the materials, processes, and ideas used. Works may come from the Sustained Investigation section, but they do not have to. Your portfolio will be independently evaluated by art educators based on the criteria for each section. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available. Speak to counselors for more information. *Prerequisite: Students must have taken (Art) and have teacher recommendation.*

1159 AP Studio Art – 3-D Design –The purpose of this course is to assist 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. Course develops students' aesthetic and creative faculties, offers training in awareness and criticism of art, and enables students to create quality works of their own in a 3-dimensional media (Ceramics, Wood, Cardboard, Metal, or Mixed Media). Students will perform both studio and research work. The research component is designed to investigate topics or concepts of interest in further detail. Students will be required to develop a 2-section digital portfolio that shows a fundamental competence and range of understanding in visual concerns and methods, that will be submitted to **College Board** at the end of the course. The portfolio must demonstrate depth of investigation and process of discovery through the **Sustained Investigation** section (Section 1). This section will consist of 15 digital images that can include process documentation and works of art and design, and typed responses to prompts, that provide information about the inquiry that guided their investigation and ways they practiced, experimented, and revised. Section 2, **Selected Works**, will consist of 5 works with commentary identifying the materials, processes, and ideas used. Works may come from the Sustained Investigation section, but they do not have to. Your portfolio will be independently evaluated by art educators based on the criteria for each section. The cost for the exam will be approximately \$99, due in September. Reduced exam fees are available. Speak to counselors for more information. (Prerequisite: Students must have taken an (Art) course and have teacher recommendation.) *Prerequisite: Students must have taken (Art) and have teacher recommendation.*

Athletics

Practice for all sports will be scheduled to include 7th period and after school hours. Students will earn one credit every semester they participate in athletics. Soccer and Cross Country may be scheduled 7th period first semester for one credit. Track, golf, softball, baseball and tennis may be scheduled 7th period second semester for one credit. Students may not change sports in midseason. The credit(s) given for athletics will fulfill the one credit of P.E. that is required for graduation from high schools in the state of New Mexico.

3001 Football – Course that provides instruction and development of skills in football.

3002 Cross-Country – Course that provides instruction and development of skills in cross country.

3003 Volleyball - Course that provides instruction and development of skills in volleyball.

3004 Basketball – Course that provides instruction and development of skills in basketball.

3005 Soccer – Course that provides instruction and development of skills in soccer.

3006 Wrestling – Course that provides instruction and development of skills in wrestling.

3007 Swimming –Provides instruction and development of skills in swimming.

3008 Tennis –Course that provides instruction and development of skills in tennis.

3009 Track and Field –Course that provides instruction and development of skills in track and field.

3010 Baseball –Course that provides instruction and development of skills in baseball.

3012 Softball –Course that provides instruction and development of skills in softball.

3014 Golf – Course that provides instruction and development of skills in golf.

3016 Weightlifting/Weight Training –Course that provides instruction and development of skills with free-weights and weight machines. **First period weight training is for athletes only.** *It is designed to enhance not only strength and flexibility, but also to help prevent injuries related to playing sports.*

3099 Athletics Off Season –Course designed to improve student strength, agility, and skill when their sport is out of season. ***Off Season is for athletes who are out of sport only.***

3099 Cheerleading –Teams to be determined through try-outs. Please contact Cheerleading sponsor.

You may not be in a weights class unless you are in at least one sport

You may not be in Off-Season both semesters without being in a sport

Automotive Technology

Automotive Technology consists of three courses (0901 Intro to Automotive, 0920 Auto Tech II, and 0998 Auto Tech III.). There is a lab fee of \$30.00 per course, which covers safety glass, replacement tools, shop rags, soap, and other expendable materials. In addition, the students must provide proper clothing and footwear. Lockers are available for storage of these items. Shop safety is practiced and stressed in all classes. All students are encouraged to join Skill's USA. Skills USA is a program that enhances community service, good work ethics, preparing for the workplace environment, and competition that is in different Career and Technical programs.

0901 Intro to Automotive– The objective of this course is to prepare students for entry-level employment and certification through ASE. By the end of this course you, the student, should have a basic knowledge of the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, fasteners, professional responsibilities, and automotive

maintenance. Emphasis is on Automobile construction, major components, basic systems and their repair and maintenance. *A Lab Fee of \$30.00 is required for the year.*

0920 Auto Tech II This is a second sequential course in an automotive program of study meant to take a student into higher- level knowledge and skill development. *A Lab Fee of \$30.00 is required for the year.*

0998 Auto Tech III Course provides work experience in the transportation field, supported by classroom attendance and discussion. Goals are set for the employment period; classroom experience may involve further study in the field, improvement of employability skills, or discussion regarding the experiences and problems encountered on the job. *A Lab Fee of \$30.00 is required for the year.*

Business

(*Business courses that may be taken for Dual Credit)

0204 Keyboarding - This middle-school level course provides an introduction to the keyboard (letter, numbers, and symbols), basic machine operation, and proper keyboarding technique. As students' progress through the course and into advanced courses, they improve their speed and accuracy. Initial courses typically focus on producing business letters and reports that incorporate column typing. Advanced courses continue to emphasize developing speed and accuracy in producing a variety of increasingly complex business documents. Such courses develop proficiency, production skills, and problem-solving skills. Keyboarding skills may be developed on typewriters or computers. *\$10.00 paper fee required.*

0205 Word Processing – Courses introduce automated document production using one or more software packages. These courses may introduce keyboarding techniques or may require prior experience; in either case, speed and accuracy are emphasized. A parallel focus is placed on the use of software commands and functions to create, edit, format, and manipulate documents, capitalizing on the power offered by word processing software programs. File and disk management and other computer related skills may also be covered in Word Processing courses.

***0207 Accounting** – Courses introduce and then expand upon the fundamental accounting procedures used in small businesses. Typically, the first year covers the full accounting cycle, and incorporates topics such as payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles to the projects they work on and may prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools may be used. In advanced courses, elementary principles of partnership and corporate accounting are introduced and explored, as are the managerial uses of control systems and the accounting process. *\$10.00 paper fee required. (OECS 200 Accounting on Microcomputers) Dual Credit 2nd Semester*

0210 Advanced Accounting –This course builds upon the concepts learned in Accounting Fundamentals. Students will study and apply advanced accounting principles relating to partnerships, corporations, cost accounting, number systems, inventory control, depreciation, petty cash systems, accruals, notes and interest, payroll

and taxes, and computerized accounting. Computerized spreadsheet applications and a "simulation" project are integral to the class. *\$10 paper fee required*

***0202 Office Technology** – Courses provide numerous opportunities to explore and understand the responsibilities and duties common to most office personnel. These comprehensive courses cover such topics as communication skills, reception and transmission of information via electronic media, filing and electronic record keeping, management, mail handling, scheduling meetings and conferences, creating itineraries, dictation and machine transcription, and varied computer applications to include word processing, presentation software, and internet. *\$10 paper fee required. (BOT 203 Office Equipment and Procedures I) Dual Credit 1st Semester*

***0303 Business Computer Applications** –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) spreadsheet, 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. *\$10.00 paper fee required. (OECS 211 and OECS 215) Dual Credit 1st & 2nd Semester*

0304 Business Computer Applications II - the emphasis is on the mastery of advanced computer usage techniques for post high school education and career enhancement. Topics include: the consolidation of word processing, database and spreadsheet skills into report production, advanced computer graphic manipulation, desktop integration for industry publication, beginning multi-platform network information management, and multimedia presentations.

0899 Employability Skills and Customer Service – Employability Skills and Customer Service. This course is designed to help students and potential employees recognize and develop positive personal qualities in preparation for successful employment. It also focuses on communication skills, customer service skills, effective interpersonal skills, productivity, ethical standards, and career development that are in demand by employers.

0226 Business Workplace Skills This business and marketing course explores the world of business and marketing. Curriculum will focus on the skills, knowledge, and attitudes demanded by employers in the workplace. Students will study economics, marketing and basic accounting concepts. Emphasis will be placed on business computer applications including word processing, spreadsheets, and databases. Students will have the opportunity to demonstrate knowledge of retail merchandising, customer service, and working with a team by participating in the operation of a school-owned student-operated snack bar and classroom projects. Student participation in related co-curricular vocational student organizations, DECA and BPA, is strongly encouraged. *Course fee of \$35.00 is required.*

0297 Business Workplace Skills Internship- Course work experience 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.

0323 Computer Science/Programming –Course Courses provide the background knowledge and skills to construct computer programs in one or more languages. Computer coding and program structure are often introduced with the Java language, but other computer languages may be used instead. Initially, students learn to structure, create, document, and debug computer programs. In advanced courses, more emphasis is placed on design, skills to relevant applications such as modeling, data management, graphics, and text processing. This course will be offered online through Edgenuity.

Child Development

0550 Child Development –Course provides knowledge about the physical, mental, emotional, moral and social growth and development of children from conception to preschool age. These classes provide guidance about desirable parental involvement in each stage, responsibilities one needs to consider before becoming parents, and how to provide appropriate care and a suitable environment for children.

0552 Child Development II – Course provides knowledge about the physical, mental, emotional, moral, and social growth and development of children from elementary school age to adolescence. This class further explores children's health and safety, family challenges, child care and early education, and careers working with children.

0562 Education Teacher Academy 1 (Education Methodology) - This 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.

Construction/Skill Trades

0402 Construction – Key content includes: Orientation to the skilled construction trades; safety obligations of all to ensure a safe workplace, OSHA regulation awareness, communication and professional/employability skills. Courses provide basic skills required for construction of commercial, residential, and institutional structures. These courses provide experiences and information (typically including career opportunities and training requirements) regarding construction related occupations such as carpentry, cabinetmaking, bricklaying, electrical trades, plumbing, concrete masonry, and so on. Students engage in activities such as reading blueprints, preparing building sites, starting foundations, erecting structures, installing utilities, finishing surfaces, and providing maintenance. *Course fee of \$30.00 is required.*

Culinary

0508 Introduction to Culinary Arts – Course is designed for students interested in the food service industry. They provide instruction regarding nutrition, principles of healthy eating, and the preparation and service of food. The course may focus on a specific type of cuisine, domestic or international. Among the topics covered in Food Service courses is large scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, sanitation, management, and the careers available in the food service industry. *A Lab Fee of \$30.00 is required for the year.*

0508 Culinary Arts II – Intermediate course provides continuing culinary students with in-depth knowledge of the food service industry. The course is designed for students interested in the food service industry. The course may focus on a specific type of cuisine, domestic or international. Food Service course is large scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, sanitation, management, and the careers available in the food service industry. *A Lab Fee of \$30.00 is required for the year.*

0508 Culinary Arts III Advanced course provides continuing culinary students with in-depth knowledge of the food service industry. The course is designed for students interested in the food service industry. They provide instruction regarding nutrition, principles of healthy eating, and the preparation and service of food. The course may focus on a specific type of cuisine, domestic or international. Among the topics covered in Food Service courses is large scale meal preparation, preserving nutrients throughout the food preparation process, use and care of commercial cooking equipment, food storage, advances in food technology, sanitation, management, and the careers available in the food service industry. *A Lab Fee of \$30.00 is required for the year.*

0528 Hospitality/ Tourism/ Recreation Recommended for Students Grades 9 - 12 - Course provides basic knowledge plus work experience for the student who is interested in a career in travel and tourism. Areas of study may cover culinary arts, lodging occupations, travel services, customer service and management of recreation, leisure programs or events. Property management, restaurant management, and supportive services to these industries are part of the courses. *A Lab Fee of \$20.00 is required for the year.*

Digital Media

Students will be trained in the technical and creative skills needed to craft polished, professional video content utilizing industry-standard editing software and editing techniques that enhance storytelling and visual impact. Students learn to organize footage, apply effects, and manage audio.

AHS Course Number	SENM Course Number	Eligible Students	Semester
1999 Mass Com 1260	FDMA 1260 Intro to Digital Media	Year 1	Fall
1999 Mass Com 1220	FDMA 1220 Intro Digital Video Editing I	Year 1	Spring
1999 Mass Com 1515	FDMA 1515 Intro Digital Imaging – Photoshop	Year 2	Fall
1999 Mass Com 1535	FDMA 1535 Introduction to Photography & Dig Img	Year 2	Spring
1999 Mass Com 2285	FDMA 2285 Digital Video Production & Editing II	Year 3	Fall
1999 Mass Com 1415	FDMA 1415 Principals of Sound	Year 3	Spring

FDMA 1260 Intro to Digital Media- Explores concepts of how text, graphics, sound, images and video come together in a digital media program and researching new trends and current issues related to media applications and design. Students will be involved in teamwork, communication and workplace interaction simulation.

FDMA 1220 Digital Video Editing I - Editors are crucial to any film or television product. If it were not for editors, filmmakers could not tell a story. A study of the basic tools and techniques of non-linear digital video editing will be offered in this course. **Prerequisite:** FDMA 1260

FDMA 1515 Intro to Digital Imaging -Photoshop – Have you ever played with Photoshop or even Microsoft Paint? Learn how to make your photos better and become more adept at advanced image processing. This course explores the design and creation of digital graphics using a raster or bitmap program for use in print, multimedia, video, animation and web. **Prerequisite:** FDMA 1220

FDMA 1535 Introduction to Photography and Digital Imaging - Students receive instruction on vector graphics creation using vector illustration software. The students will create professional-quality artwork for print publishing and multimedia graphics. Instruction includes creating and manipulating basic shapes, drawing with the pen tool, using various brushes, working with type and preparing graphics for web, print, and digital publication. **Prerequisite:** FDMA 1515

FDMA 2285 Digital Video Production & Editing II - Want to start thinking about getting a job in the New Mexico film industry in a state that has the third largest film industry in the United States? Advanced features of digital video, audio/music, and titling production software. Included are color correction, vector scopes, motion effects, and advanced editing techniques used by filmmakers **Prerequisite:** FDMA 1535

FDMA 1415 Principals of Sound - The creation of a professional quality original media soundtrack is possible for relatively low production/post production cost. This class is designed to give the student an overview of creating sound for a variety of digital media. **Prerequisite:** FDMA 2285

Drafting

(*Drafting courses that may be taken for Dual Credit)

***0702 Drafting-General** –Courses usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications, and then refine the skills necessary for this craft. Drafting-General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, multi-view projections, and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives. (*DRFT 112 Drafting Concepts/Comp Drafting Fundamentals I and DRFT 113 Drafting Concepts/Computer Drafting Fundamentals II*)

***0707 CAD Design and Software** –Frequently offered as an intermediary step to more advanced drafting courses (or as a dual credit course); CAD Design and Software courses introduce students to the computer aided drafting systems available in the industry. (*DRFT 114 Introduction to Mechanical Drafting/ Solid Modeling and DRFT 180 Construction Drafting I*) Prerequisite DRFT 112 and DRFT 113 with a “C” or better

***0703 Drafting Architect** –Frequently offered as the most advanced of the drafting courses (or as a dual credit course); Drafting principles, plan coordination, and code analysis applicable in the development of working drawings for commercial, public, and industrial building projects. Students will utilize National Cad Standards, ADA Standards, and will be introduced to modern office practice. Advanced mechanical drafting/solid modeling techniques and topics will be studied using the student’s software(s) of choice. Students will use any of the 3-D solid modeling software packages that are available on campus as they develop these skills, as well as develop a thorough working knowledge of the use of GD&T in Mechanical Drafting/Solid Modeling. Detailed class projects will be assigned, and presentations will be required. Prerequisite DRFT 112, DRFT 113, DRFT 114, and DRFT 180 with a “C” or better

***0799 4th YR Drafting** - First and second semester of fourth year. For those students that started the DRFT program as freshman and did not miss any semesters of DRFT in High School. Prerequisite DRFT 112, DRFT 113, DRFT 114, DRFT 180, DRFT 181and DRFT 214 with a “B” or better May repeat as needed.

Energy & Natural Resources

1687 Foundations of Energy and Natural Resource Management- This course focuses on integrated energy systems that connect non-renewable, renewable, and inexhaustible resources to fuel the nation and the world. Using the systems approach to learning, students build foundational technical and safety skills using professional methods, safety and environmental regulations, equipment, tools, and field language to complete hands-on projects. Some key concepts students experience associated with acquiring and using available natural resources include simple machines, pumps, engines, and electricity. In addition, students develop an understanding of the business of ENRM and the science of the field, including geology, seismology, and physical science. Students develop an appreciation of the ENRM field while learning the technological timeline and exploring career opportunities and the requirements to enter and advance in the workplace. *Course fee of \$30.00 is required*

Music

1121 Concert/Marching Band – Course is designed to develop skill and technique for playing brass, woodwind, and percussion instruments, and cover band literature styles for both concert and marching performances. *Band is a co-curricular fine arts subject that corresponds to the NM Standards and Benchmarks. Students enrolled perform in marching and concert band, receiving one credit for fine arts and one credit for PE each year. The marching band performs at football games, homecoming parades, and marching contests. Concert band activities include concerts, solo/ensemble contests, and all-state/all-district auditions. Marching band rehearsals begin two weeks prior to the beginning of school. Participation in summer band rehearsal will be considered when assigning marching spots. The marching percussion section and color guard members are selected through auditions during the first weeks of May. Non-instrumental color guard members only enroll in the first semester for one band credit. Athletes who wish to participate in band will coordinate their*

schedule between the coach and band director. Auditions and eligibility are required for placement in Concert/ Marching Band.

1126 Instrumental Ensemble –Course is designed toward development in auditioning for instrumental honor groups. All students enrolled will audition for All-State and All-District Ensembles. Students are required to participate in Artesia Solo and District Solo and Ensemble contests. Technical and Musical aspects of performance and music theory are taught. Auditions and eligibility are required for placement in the Instrumental Ensemble.

1131 Vocal Ensemble –Course is intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. The course goals may include the development of solo singing ability; one or several ensemble literature styles may be emphasized. *Director approval is required.*

1130 Treble Chorus –Course provides the opportunity to sing a variety of choral literature styles for men and/or women's voices and is designed to develop vocal techniques and the ability to sing parts.

Physical & Health Education

2305 Physical Education – Course that provides instruction and development of skills in human movement, physical activities, and physical fitness. This course must include all of the physical education content standards with 12th grade benchmarks and may be taken to meet the high school graduation requirement.

1401 Health Education – Course that provides knowledge and skills practice in a variety of health topics including the six CDC health risk behaviors, and must be aligned with the 9-12 PED Health Education content standards with benchmarks and performance standards. This course will meet the graduation requirement for Health Education.

Theatre

1113 Drama Acting / Performance –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. *This course includes five plays during the school year. The student has a chance to compete at two theatre festivals. There is "A Night of One Acts" which a Senior that has been in the program for three years has the opportunity to direct their fellow students in a short play. There are two full length plays during the year. The fall play is either a drama or comedy play, and the spring play is a children's play. The children's play is performed to the elementary schools and the general public. All rehearsal times take place outside of the class. Commitment to all projects is required. Students may take the initial drama course each year as scheduling may require but must understand that the curriculum is foundational each year.*

Welding

2414 Metal Fabrication – Welding I – Introduction to Welding. Provides an introduction and orientation to the welding industry and the various cutting processes used. The course provides an in-depth study of welding hazards and discusses material data sheets along with common safety procedures. Weld joints and weld positions are studied. Students learn the proper names of the parts of a weld and are able to identify good welds and point out defects in bad welds. Students learn basic metal identification and metallurgy. Students learn the names of common metal techniques used in the industry along with a discussion of welding certification, job opportunities, business opportunities. *Students must be enrolled both semesters and dual credit will be given in the spring semester. There will be a one-time lab fee of \$30.00 payable to AHS for safety equipment and materials. (ENMUR -WELD 110) Dual Credit Spring Semester.*

2416 Metal Fabrication –Welding II – Shielded Metal Arc I. Provides students with the basic techniques of arc welding. Includes electrode classification and welding nomenclature. Teaches the necessary metallurgy for these procedures and emphasizes the safety requirements of these techniques. Students will weld common joints in all positions using a variety of different steel thicknesses and electrodes. Welding skills will be developed through the use of practice welding along with shop projects. *Students must be enrolled both semesters and dual credit will be given in the spring semester. There will be a one-time lab fee of \$30.00 payable to AHS for safety equipment and materials. Prerequisite Metal Fab 2414 (WELD 110) with a “C” or better. (ENMUR -WELD 125) Dual Credit Spring Semester.*

2499 Metal Fabrication – Welding III –This course provides an in-depth study of welding hazards and common safety procedures. Ag-related weld joints and weld positions are studied. Students learn the proper names of the parts of a weld and are able to identify good welds and point out defects in bad welds. Topics include advanced arc welding techniques including pipe and joint welding; Fabrication techniques and project design including estimating and developing materials list. Tool room management and safety procedures are essential to the course. *Students must be enrolled both semesters and dual credit will be given in the spring semester. There will be a onetime lab fee of \$30.00 payable to AHS for safety equipment and materials. Prerequisite Metal Fab 2414 (WELD 110) * Metal Fab 2416 (WELD 125) with a “C” or better. (ENMUR -WELD 107) Dual Credit Spring Semester.*

World Languages

1252 Spanish I – Course introduces students to the basic skills - listening, speaking, reading, and writing - and to the basic structures of Spanish taught within the cultural context. Emphasis will be placed on oral and written communication skills. Students are made aware of the importance of Spanish in their world.

1253 Spanish II – Course continues to develop communicative skills. There is wider use of Spanish not only in classroom management, but also in teaching concepts. Emphasis is on sustained communication, both oral and written. An appreciation of the culture of Spanish speaking countries is enhanced. *Prerequisite: Spanish I or demonstrate native Spanish proficiency with instructor approval.*

1254 Spanish III – Students will continue to develop their proficiency in speaking, listening, writing and reading by interacting with each other in the Spanish language.

Students will understand oral and written messages in the target language and will make level appropriate oral and written presentations. Students will take a more conversational approach in the course while exploring cultures from Spanish-speaking countries. *Prerequisite: Spanish II*

Additional Electives

0818 Drivers' Education-Classroom ONLY –Courses provide students with the knowledge and experience to become safe drivers on America's roadways. Legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs) are all included as topics of this course. *In order to enroll, NM state law requires a student to be 15 years old by the end of the course. Class enrollment is limited; students that were too young to enroll in the 9th grade and out of state transfer students will be enrolled before other applicants. Course may only be taken once while enrolled in Artesia Public Schools.*

1903 Yearbook – Course is responsible for creating, designing, marketing, producing and selling the school yearbook. Techniques in modular layout design, interviewing, writing copy and headlines, editing, advertising sales and design marketing, and business procedures are stressed. All students will be expected to complete assignments on the computer. Meeting regular deadlines and peer cooperation are emphasized in producing the yearbook.

1030 Library and Information Literacy Skills –An introduction to information skills: analyzing, evaluating, using and producing information resources. Information resources include all forms of recorded communication: fiction and non-fiction, print, non-print, and electronic media. This introduction will include training in the effective use of the library and related resources. *Students must be approved by a Principal and/or Librarian.*

0822 Office Aide –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. *Students must be approved by a Principal.*

0823 Teacher Aide –Course provides students with the opportunity to assist teachers with classroom duties. Note: if the particular subject area is English Language and Literature or Life and Physical Science, use the code associated with the aide course within that subject area. *Seniors only. Students must be approved by a Principal.*

0843 Student Governance (Student Council) – This course convenes students as an entire student body to discuss common concerns, organize groups for action, make decisions, and solve school related problems. Students enrolled in this course must be student council members, must turn in the Student Council Application, and receive teacher approval to enroll in the course.

2808 Work Study - Course includes all work experience options described in IEP's. Work sites may be on or off campus and the work may result in stipends or wages.

Students may enroll in the electives of their choice upon approval of the IEP team and their parents. *This course is only available to senior students who have an active IEP in the special education program and approved by an administrator.*

Online Courses (ENMU-R)

Students enrolled in an online dual credit course will be expected to maintain the standards, rules, and requirements of a college course. The online course is self-maintained, and students are solely responsible for communicating with their college instructors. These courses' availability is subject to the college offerings.

AHS will provide a proctor during the class period with the purpose of ensuring students are in class and answer any questions that may arise. The proctor is not responsible for checking grades, communicating with the college, or helping the students with assignments. Furthermore, the grade assigned to the student will be from the college and AHS will not be involved in the determination of the grade. If a student fails an online class during the fall semester, they will not be able to enroll in another online class for the spring semester.

Interpersonal Communications (COMM 2120) –Three credit hours. The development of communication skills necessary for effective interaction with persons on an interpersonal level and in small groups; and the theoretical dimensions of interpersonal communication. Provides opportunities for practical application.

Introduction to Criminal Justice (CJUS 1110) –Three credit hours. Analysis of law and society with emphasis on the police, prosecution, the courts, corrections, and probation and parole.

Music Appreciation (MUSC 1110) –Three credit hours. For non-music majors. Attempts to answer the question “What is music?” by acquainting students with knowledge and appreciation of music from several cultures and times. Includes contact with music through discussion, guest artists, and recorded music. No required previous music training.

Career and Financial Literacy (ALAS 1825) –Three credit hours. The course combines Financial Literacy with Entrepreneurship to offer career exploration and financial knowledge to students from all disciplines. The course is designed with two areas in mind, financial literacy, and entrepreneurship as a way of making a living. Financial literacy allows the student to be financially well informed when choosing careers, jobs, loans, housing, etc. In the modern world, Entrepreneurship offers an avenue to progress as far as entrepreneur skills and creativity can take them. Students in this class will gain basic hands-on, real-time experience on how to evaluate financial scenarios (personal and professional), and will be faced with the challenge of evaluating if they want to start their own business. *This course is an elective course and cannot be taken concurrently with senior level financial literacy as math credit.*

Special Education

Special Instructional Programs/Section 504

Each qualified student within the district who is eligible to receive regular or special education or related aids or services, regardless of the nature or severity of the condition necessitating such programs or services, shall receive free appropriate education in the district.

For more information regarding Special Education services, please contact:

Cari Jowers—Director of Special Education

301 Bulldog Blvd.

575-746-3585

cjowers@bulldogs.org

For more information regarding Section 504 of the Rehabilitation Act of 1973, please contact:

Mitzi McCaleb- Director of Health and Wellness and Section 504 Coordinator
301 Bulldog Blvd.

575-746-3585

mmcaleb@bulldogs.org

The Special Education Department is unique in that each student has a program of instruction built around that student's own needs and interests. Every student in this program should be given the opportunity to complete successfully a program of studies designed to meet his/her individual needs and abilities. When such a program is completed satisfactorily, the student should receive a diploma or certificate comparable to that of other students of the school who have completed their curriculum requirements.

The following curriculum guide is merely a description of skills that could be taught when a student is assigned to a particular class. Because each student has different needs, once assigned to a class, skills taught to each student will be based on need. Therefore, every skill offered in every class will **not** necessarily be offered to every student. All classes will be individualized. However, group objectives will be utilized whenever possible.

All courses listed have the **prerequisite** of special education placement.

B-C-D Level—The length of the school day shall be the same as for all other students of this age and ability. The same grading scale will be used as is used with all students. Level of performance will be indicated. The students will be integrated with regular classes as much as their individual ability will allow.

Requirements for graduation will be the same as for all other students. Courses will be determined by parents, student, and teachers. A IEP will be prepared for each student. "B" level students will be required to complete 50 hours of course work to be eligible for high school graduation and a diploma. Most of their classes will be in the regular programs with some classes in the Resource Room to provide the individual assistance each will need for graduation.

ACCESS Program/D Level

The Artesia Public Schools will issue a diploma to students who complete a planned course of study through the Artesia High School Access Program/D. A four-year curriculum has been developed on the design of a planned course of study required in New Mexico State Standards 1.9.4.

The IEP team which will review candidates for a “Certificate of Completion” will be called the Graduation Review Committee. To be a candidate for a certificate, a student must have a minimum of 50 semester credits of course work from the Level D High School planned course of study and be recommended by the Graduation Review Committee. Course work to be completed and level of mastery to be obtained will be determined by the Individual Education Plan.

Required Semester Hours for Graduation

The Level D High School Special Education student will be expected to successfully complete 50 credits of course work and have a recommendation from the Graduation Review Committee to be eligible for a Certificate of Completion. All students will have an Individual Education Plan compiled with input from the parent, teacher, and student. The course of study and requirements for certificate of completion will be developed individually according to the need and ability of the student.

Areas of Required Study and Credit

Communication Instruction	8	
Social Development Instruction	8	
Sensory Loss (visual or auditory)	-	(based upon need)
Motor Development	-	(based upon need)
Practical Academics	8	
Home Living Skills	8	
Physical Education	2	(or Adaptive P.E.)
Practical Arts	2	
Electives	14	
Total	50	

Curriculum

A student who qualifies may join the program at any time between the ages of 14 and 21 years. The major goal of the program is to provide an education through functional academics, socialization, and daily living skills. Upon completion of the program the student may have the ability to gain independent employment, seek employment in a sheltered work environment or maintain skills sufficient enough to assist around the home environment. The following classes are offered in the program:

Motor Skills—Length of Course is based on ancillary need through OT - PT as needed.

Sensory Loss Rehabilitation—(1)—Based on ancillary need through Speech or Mobility Training Specialist.

1401 Health Education - Course topics may vary widely, but typically include: community health, consumer health, disease prevention and control, environmental health, injury prevention and safety, mental and emotional health, nutrition, personal health, physical and social development, HIV-AIDS, and substance use and abuse.

2011 Resource Center Math - Course taught in a resource center or laboratory setting where the emphasis is on individual student progress, Resource Center Math includes the study of general math topics, such as arithmetic using rational numbers, numeration systems and place value, basic geometry, and basic statistics. These courses also apply these skills to real world problems and situations.

2803 Community Living - Course places a special emphasis on the student's relationship to the surrounding community. Instruction varies with the students and their needs and IEP's; however, these courses provide the skills necessary for independent functioning within the surrounding environment. Course topics may include available community resources and how to access them; emergency skills; and independent living strategies.

2804 Mobility Instruction - Course, individualized according to each student's condition and needs, are designed to improve a student's ability to move about and communicate within their surrounding communities (school, neighborhood, workplace, and city or town). The student may be exposed to and assisted in several types of situation to improve the student's mobility and increase the available response options.

2805 Communication Instruction - Course, like Mobility Instruction courses, are typically individualized according to each student's condition and needs. Increasing the student's communication skills-oral expression, listening comprehension, reading, and writing-is emphasized; communication techniques in several areas (educational, social, and vocational) may be explored.

2806 Social Development Instruction - Course teaches students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, decision making, appropriate situational behavior, and how to interact with others and maintain relationships. Students may develop independence, self-confidence, and self-reliance.

2316 Adapted Physical Education - Course that provides instruction and development of skills in human movement, physical activities, and physical fitness adapted for students with special needs. This course must include all of the physical education content standards with 12th grade benchmarks and may be taken to meet the high school graduation requirement, depending upon the individual student's IEP.

