

2021 – 2022
SCHS
Course Catalog



“Home of the Spartans”

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The Elko County School District does not discriminate on the basis of race, color, national origin, sex, age or disability.

El Elko County School District no discrimina a raza, color, nacionalidad, género, edad, o habilidad diferenciada.

4 YEAR EDUCATIONAL PLAN

9th

1	English I
2	Algebra I
3	Physical Science
4	Physical Education
5	_____
6	_____
7	_____

10th

1	English II
2	Geometry
3	Biology I
4	World History
5	Health – Personal Fin Lit
6	_____
7	_____

11th

1	English III
2	Algebra II
3	Science
4	US History
5	Physical Education
6	_____
7	_____

12th

1	English IV
2	American Government
3	Math (Recommended)
4	_____
5	_____
6	_____
7	_____

Elective Courses which satisfy the Humanities/Occupations credit requirement may be taken at any grade level.

GRADUATION REQUIREMENTS

<u>Standard Diploma</u>	<u>Advanced Diploma GPA 3.25</u> <u>Millennium Requirement GPA 3.25</u>
<u>23 Credits</u>	<u>24 Credits</u>
FOUR CREDITS OF ENGLISH	FOUR CREDITS OF ENGLISH
THREE CREDITS OF MATH	FOUR CREDITS OF MATH (ALG II REQUIRED)
THREE CREDITS OF SCIENCE	THREE to FOUR CREDITS OF LAB SCIENCE
THREE CREDITS OF SOCIAL STUDIES	THREE CREDITS OF SOCIAL STUDIES
ONE-HALF CREDIT OF HEALTH	ONE-HALF CREDIT OF HEALTH
ONE-HALF CREDIT OF PERSONAL FINANCIAL LIT.	ONE-HALF CREDIT OF PERSONAL FINANCIAL LIT.
ONE-HALF CREDIT OF COMPUTER LIT.	ONE-HALF CREDIT OF COMPUTER LIT.
TWO CREDITS OF PHYSICAL EDUCATION	TWO CREDITS OF PHYSICAL EDUCATION

CREDIT REGULATIONS

1. Students who successfully complete an equivalent of high school Algebra I or Geometry prior to high school with a grade of “C” or higher may use this credit to meet the required credits for graduation from high school and include this grade in their cumulative grade point averages.
2. Students who successfully complete an equivalent (semester course) of high school Computer Literacy prior to high school may use this credit to meet the required credits for graduation from high school and include this grade on their high school transcript and in their cumulative grade point averages.
3. Communications courses including Journalism, Forensics, Speech or Drama will not satisfy the graduation requirements for English I, II, III and IV in the English – Language Arts requirement. The English IV requirement may be met by successful completion of English 101 & 102.
4. The Elko County School District shall exempt a pupil from not more than one-half (1/2) credit per semester and up to one (1) credit maximum in physical education if the pupil participates in interscholastic athletics, on a drill team, in a marching band, in a dance group or on a cheerleading squad if: (a) the activity is sponsored by the school; and (b) the pupil actively participates in the activity for at least 120 hours that is verified by the coach or advisor. The course titled “Interscholastic Activities” will be added to the student’s transcript with either a Pass (P) or Fail (F) grade. The student will earn one-half credit for each semester of “Interscholastic Activities;” however, the course will not be used in the calculation of GPA, honor roll, or class rank.
5. One-half (1/2) unit of credit shall be awarded for successful completion of all courses.
6. Credit for correspondence courses shall be granted toward graduation only when a student has received the written approval of the high school principal in advance of taking the course.
7. Select courses taken from Great Basin College (GBC) for college credit may also be given high school credit. A list of approved courses is available in the Guidance Office and on the Elko County School District website. The GBC high school admission form must be completed and signed by the principal or counselor prior to taking the course. Students can enroll in no more than nine (9) GBC credits per semester. College credit shall be computed as three (3) semester hours of college equals one-half (1/2) unit of high school credit. Students taking courses for dual credit at GBC will be responsible for all application fees. They will also be responsible for all course fees, with the exception of English 101/102 and History 101/102. Successful completion of these select GBC courses will become a part of the student’s official Elko County School District transcript, and count towards graduation requirements.
8. Students who successfully complete Agriculture Science I & II or who complete Agricultural Science I and Plant Science & Ornamental Horticulture, Greenhouse Management, Animal Science, or Veterinary Science III will be issued a 3rd credit of science. Completion of these courses does not fulfill the Biology I or Physical Science course requirements for graduation.
9. Students who successfully complete Health Science I and Medical Terminology will be issued a 3rd credit of science. Completion of these courses does not fulfill the Biology I or Physical Science course requirements for graduation.

ENROLLMENT REQUIREMENTS

1. Any students enrolled in 9th, 10th, or 11th grade must take a minimum of seven (7) courses. 12th Graders will be enrolled in at least four (4) **credit bearing** courses. Non-credit courses, like Study Hall, do not count as credit bearing courses.
2. A student's status as a member in a given class is determined by the number of completed semesters he/she has earned and coincides with testing regulations as specified below:
 - 10th Grade - Must have completed a minimum of 2 semesters
 - 11th Grade - Must have completed a minimum of 4 semesters
 - 12th Grade - Must have completed a minimum of 6 semesters
3. Credit deficiency will be determined by:
 - 10th Grade, a student must have earned a minimum of five (5) credits.
 - 11th grade, a student must have earned a minimum of eleven (11) credits.
 - 12th grade, a student must have earned a minimum of seventeen (17) credits.

NOTE: One-half credit is earned for each semester of work completed with a grade of a "D" or above.

EARLY GRADUATION

1. The Board of Trustees will not accept a modification of the four (4) year attendance requirement for high school graduation unless the student has satisfactorily completed all requirements as set forth by the Elko County School District, the Nevada State Board of Education, and have the recommendation of their principal, the written consent of their legal guardian, and review and approval of the Board of Trustees.
2. A student who chooses to follow a modified program will not be eligible to participate in school activities, such as athletics or clubs, following withdrawal from regular attendance.
 - a. Beginning with the 2017-2018 school year, seniors who apply to graduate at the end of first semester will not be eligible to participate second semester school/senior activities or in the June graduation ceremony.
3. Any student considering a request for early Graduation must first consult his/her counselor.
4. A formal request for early graduation must include the following:
 - a. Letter of explanation from the student as to why he/she would like to graduate early.
 - b. Letter of approval from parents.
 - c. Letter of recommendation from the Counselor.
 - d. Letter of recommendation from the Principal.
5. The principal will forward the above items to the ECSD Board of Trustees for their consideration.

CLASS CHANGE/WITHDRAWAL POLICY

All class change requests will be completed through the Guidance Office; changes can be requested during the first weeks of each semester. Class sections are often very full, and many times, there will not be space to transfer to a different section. Counselors cannot accommodate schedule change requests based solely on teacher preference or attempts to switch lunches. Some changes may necessitate a parent conference with the counselor and/or administrator and possibly the teacher(s) involved to determine what schedule arrangements will ultimately be in the best educational interests of the student and the school. A withdrawal after the fourth week of the semester will result in the grade WF (“Withdraw Fail”); this grade will be included on the student’s transcript and calculated into the student’s GPA. Withdrawal is not allowed if the student’s class schedule would be decreased to less than that of a full class load (7 classes each semester). All withdrawal requests after the fourth week of any semester must be approved by administration.

CLASS RANKING

Class ranking shall be determined by cumulative grade point average of all classes that are applicable toward graduation requirements in Elko County.

Regular Grade Scale	Honors Weighted Grade Scale*	AP/Dual Credit Weighted Scale*
A = 4	A = 4, add 0.025 to overall GPA	A = 4, add 0.050 to overall GPA
B = 3	B = 3, add 0.025 to overall GPA	B = 3, add 0.050 to overall GPA
C = 2	C = 2, add 0.025 to overall GPA	C = 2, add 0.050 to overall GPA
D = 1	D = 1, add 0.025 to overall GPA	D = 1, add 0.050 to overall GPA
F = 0	F = 0	F = 0
<i>* Beginning with the graduating class of 2018</i>		

1. All courses applicable toward graduation requirements in Elko County shall be counted in computing class rank.
2. In determining class rank, all students at a given grade level shall be included.
3. If a student’s record includes courses that are marked in nontraditional fashion-for instance, on a pass/fail or credit/no credit basis-the computation or rank-in-class shall be based on those courses with traditional grades only.
4. Rank-in-class information shall be released to:
 - (1) Appropriate school personnel;
 - (2) At the written request or consent of the student and/or parents;
 - (3) In response to formal legal process
5. Rank-in-class shall be reported on a numerical basis.
6. Designations for valedictorian and salutatorian shall not be made.
7. The following designations will be used to honor those graduates of each graduating class:
 - Special Recognition Honors – 4.0 and above
 - Gold Honors - Below 4.0 to 3.7
 - Silver Honors – Below 3.7 to 3.4
 - Bronze Honors – Below 3.4 to 3.0

*Honor graduates will receive appropriate recognition at commencement exercises.

TESTING SCHEDULES

State-Mandated Testing

End of Course Assessments (EOCs) for ELA, MATH

- ELA I (Reading) – incorporated into English II
- ELA II (Writing) – incorporated into English II
- Math I – incorporated into Algebra I
- Math II – incorporated into Geometry

All students will participate in the Nevada State Science Assessment in the Spring of their sophomore year.

College & Career Readiness Assessment (CCRA)

All students in their junior year of high school will participate in an assessment of their college readiness. Beginning with the class of 2015, this exam will be the ACT, to be administered in the Spring semester. The assessment to be used for subsequent years is to be determined.

College Entrance Exams

An essential part of a student's preparation for college is taking the entrance exams. We offer the PSAT, SAT and ACT. The following is a suggested testing schedule:

- 10th Grade PSAT (Practice) – Fall
- 11th Grade PSAT/NMSQT (National Merit Scholastic Qualifying Test) – Fall
 ACT and/or SAT – Second Semester
- 12th Grade ACT and/or SAT – First Semester

Information on College Testing is available in Guidance Office.

Armed Services Vocational Aptitude Battery

We also offer the Armed Services Vocational Aptitude Battery (ASVAB) during a student's 11th and 12th grade years. While this test can be used to determine qualification for enlistment, it is not limited to students seeking to join the armed forces. It is a valuable interest inventory to help students explore future career options. The test is typically offered in early December, and students who participate may attend a score interpretation meeting after results are available.

CORRESPONDENCE COURSES

Credit for correspondence courses or on-line alternative courses shall be granted toward graduation only when a student has received the written approval of the principal in advance of taking the course. The student must consult with his/her counselor to determine justification for the request.

PREFACE

This manual contains all courses planned to be offered during the 2020-20201 academic year. It is hoped that with the publication of this material, students will be better able to plan a sound educational program.

Some courses found in this manual are contained to see if demand is sufficient to warrant their placement in the school program.

All courses are designated as full year or semester long. Full year classes are worth 1 credit and semester long courses are worth ½ of a credit. Courses with a designation of 1st or 2nd semester will be offered only that semester.

HONORS CLASSES

Honors classes were placed in the curriculum by the Elko County School District because we believe that accelerated students should be adequately challenged and allowed to proceed at a pace equal with their ability.

To assure proper placement of students in these programs, the district has adopted the following criteria governing admission:

1. The student shall have scored at or above the 90th percentile on the district's adopted achievement tests in the year prior to admission and in the curriculum area in which application for the honors class has been made.

And/Or

2. The teacher in the selected discipline area where application for honors is made shall make recommendation to the principal regarding placement of the student at the succeeding grade level. Nothing in this section should prohibit the transfer of a student from or to honors classes, per recommendation of the student's teacher, at any time during the school year. Transfers of this nature should correspond with the end of a grading period.

Upon receiving a grade lower than "B" in any grading period, the student shall be considered for removal from the honors program. A grade lower than a "C", as a semester grade, shall automatically remove a student from the honors program at the change of the semester.

ADVANCED PLACEMENT COURSES

The Advanced Placement Program is sponsored by the *College Board*, a non-profit membership association. AP courses and exams are for highly motivated students in secondary schools. Attendance, homework, and motivation are mandatory for success as these are considered college courses. You will find more information about the AP Program at www.collegeboard.com/ap.

AP Courses are available at Spring Creek High School in the areas listed below (only if demand is sufficient). The Weighted Grade Scale will be utilized for AP courses. Each course is developed by the College Board with a committee composed of college faculty and AP teachers. The primary goal of all AP courses is to prepare students for the AP course exam and the rigors of a college class.

AP Exams: There is a required course fee (determined by the College Board) **for each AP exam a student participates in.** Taking the AP Exam may earn college credit, depending upon the score.

Students may be removed from an AP course upon teacher recommendation.

AP Courses and Exams	
Math	Science
Calculus AB (Math credit)	Physics (Science credit)
Calculus BC (Math credit)	Biology (Science credit)
English	Social Studies
English Language and Composition (fulfills English III or IV requirement)	U.S. History (fulfills 11 th Grade U.S. History requirement)
English Literature and Composition (fulfills English III or IV requirement)	U.S. Government (fulfills 12 th Grade Government requirement)
	Psychology (Elective credit)

DUAL ENROLLMENT/CREDIT – GBC

Great Basin College and Elko County School District have identified many courses which qualify for Dual Enrollment/Credit. Students enrolling in these courses take a college course and earn credit at GBC and SCHS. There is a course fee for Dual Enrollment courses. Students must complete the Dual Credit packet – which can be picked up in the Guidance Office – by the assigned deadline in order to participate in the Dual Credit program. Any classes taken as Dual Credit will be included on student schedules. Student schedules can include up to seven (7) credit-bearing courses total per semester, therefore any Dual Credit course added to a schedule will replace a credit-bearing course at SCHS and be compensated for with a non-credit block, such as Study Hall.

For current more information and paperwork, please see your counselor and the website below.

<http://www.gbcnv.edu/academics/dualcredit.html>

CAREER & TECHNICAL ED - ARTICULATION AGREEMENTS

Several courses offered in the Career and Technical Education departments have approved Articulation Agreements with GBC. Students enrolling in these courses take a Spring Creek High School course during their 11th or 12th grade year. If they pass with at least a “B” grade they earn credit at SCHS and GBC. Articulated courses are identified in their course description.

Students who wish to enroll in GBC as a Tech Prep Student must do the following:

- A) Complete a “Tech Prep Admission & Registration Form”
- B) Pay the \$10 GBC New Student Fee (make checks payable to “The Board of Regents”). Staple it to the form or pay at GBC Admissions and Records (except students who have already enrolled at GBC and have previously paid this fee).

Upon paying the GBC New Student Fee (\$10), students will be able to receive up to 15 college credits on a GBC transcript. Articulated courses will be noted on the student’s GBC transcript as a “Pass”.

NCAA

What is the NCAA?

The NCAA, or National Collegiate Athletic Association, (www.ncaa.org) was established in 1906 and serves as the athletics governing body for more than 1,300 colleges, universities, conferences and organizations. The national office is in Indianapolis, but the member colleges and universities develop the rules and guidelines for athletics eligibility and athletics competition for each of the three NCAA divisions. The NCAA is committed to the student-athlete and to governing competition in a fair, safe, inclusive and sportsmanlike manner.

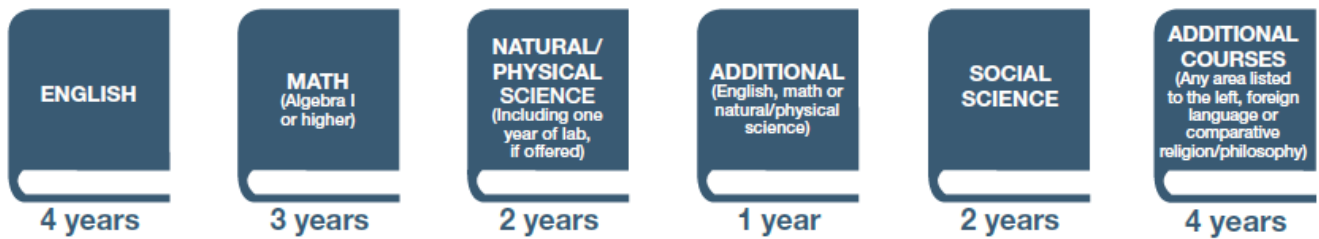
What is the NCAA Eligibility Center?

The NCAA Eligibility Center will certify the academic and amateur credentials of all college-bound student-athletes who wish to compete in NCAA Division I or II athletics. To assist with this process, the Eligibility Center staff is eager to foster a cooperative environment of education and partnership with high schools, high school coaches and college-bound student-athletes. Ultimately, the individual student-athlete is responsible for achieving and protecting his or her eligibility status.

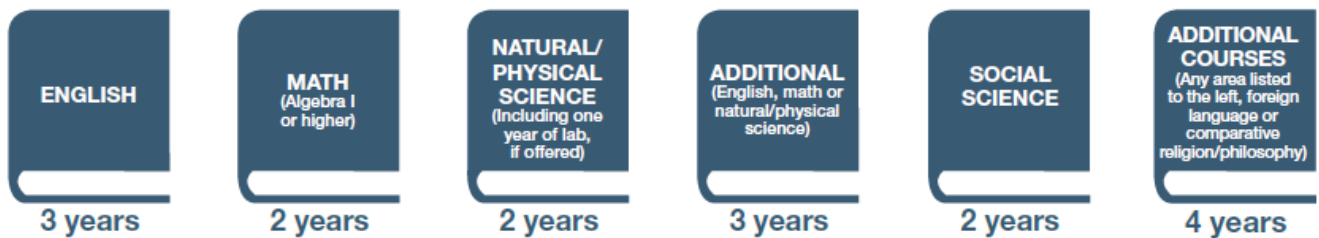
ELIGIBILITY STANDARDS:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.



DIVISION II



GPA - Division I must have 2.3 GPA or higher, 2.20 GPA minimum for Division II (core classes ONLY)

Spring Creek High School Core Classes – courses that meet NCAA eligibility for core class requirements are designated in the SCHS Course Catalog as “Meets NCAA Core Criteria” or check online @ www.eligibilitycenter.org

- Click on “For High Schools”
- Click on “List of NCAA Courses” → search by SCHS CEEB/ACT Code: 290049

ENGLISH / LANGUAGE ARTS

ENGLISH I	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. At the 9th grade level, these standards will be met through reading, responding, analyzing, and discussing a selection of short stories, poetry, whole class novels, individual novels, articles, and essays.

ENGLISH I HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

Prerequisite: “A” average in 8th grade English as per ECSD policy

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. The Honors course will utilize the College Board approved Pre-AP curriculum which is a rigorous curriculum that challenges students by requiring them not only to apply concepts and skills, but also to explain the thinking behind their applications of knowledge and to participate in critical thinking. The students who take this course are expected to be strong readers and independent learners who will complete much of the reading outside of class. This course is highly recommended for those students planning on taking AP courses as 11th and 12th graders.

ENGLISH II	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. At the 10th grade level, these standards will be met through reading, responding, analyzing, and discussing fiction and non-fiction pieces of World Literature.

ENGLISH II HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

Prerequisite: “A” average in English I or English I Honors as per ECSD policy

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. The Honors course will utilize the College Board approved Pre-AP curriculum which is a rigorous curriculum with a focus on literary analysis and critical thinking. The students who take this course are expected to be strong readers and independent learners who will complete much of the reading outside of class. This course is highly recommended for those students planning on taking AP courses as 11th and 12th graders.

ENGLISH III	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. At the 11th grade level, these standards will be met through reading, responding, analyzing, and discussing fiction and non-fiction pieces of American Literature. 11th grade students will also participate in an extensive research project.

AP LANGUAGE & COMPOSITION	Full Year
Meets English III or English IV Requirement <i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)
Course Fee Approximately \$100.00 - AP Exam Fee	

Students in this introductory college-level course read and carefully analyze a broad and challenging range of nonfiction prose selections, poetry selections, American Literature fiction selections, and autobiographical novels and fictional novels. Through close reading and frequent writing, students develop their ability to work with the language and text with a greater awareness of subject and purpose, strategy and audience, and vocabulary and style. This strengthens their composing abilities. Summer reading may be required. Students will prepare for the AP English Language and Composition Exam and may be granted advance placement, college credit, or both as a result of satisfactory performance.

ENGLISH IV	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

To build a foundation for college and career readiness, SCHS Language Arts courses will follow the Common Core anchor and grade specific standards for the reading of literature, the reading of informational texts, writing, speaking & listening, and language, which include grammar, conventions, and vocabulary. At the 12th grade level, these standards will be met through reading, responding, analyzing, and discussing fiction and non-fiction pieces of British Literature. 12th grade students will also participate in an extensive research project.

AP ENGLISH LITERATURE & COMPOSITION	Full Year
Meets English III or English IV Requirement <i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)
Course Fee Approximately \$100.00 - AP Exam Fee	

Prerequisite: This is a college class for potential college credit and demands college rigor.

Students in this college-level AP English Literature course will engage in the careful reading and critical analysis of literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide meaning for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Summer reading may be required. Students will prepare for the AP English Literature Exam and may be granted advance placement, college credit, or both as a result of satisfactory performance.

COLLEGE READINESS ENGLISH	Full Year
Meets English IV Requirement <i>Meets NCAA Core Criteria</i>	1 Credit (L.A.)

This course is recommended for students who are not ready for college English 101 and 102 (receiving an English ACT score of less than 18) but have the intention of continuing their education beyond high school. The goal of the class is to increase the students' understanding of writing composition to prevent having to take a remedial college English course. The curriculum for this class is designed to develop writing skills. It will focus on writing conventions, as well as improving the students' sophistication of writing style. Composition assignments will include a variety of argumentative and expository writing. The reading in this course will be primarily non-fiction and will act as a model for improved writing.

COLLEGE ENGLISH (ENGLISH 101)**	Semester 1
Meets English IV Requirement <i>Meets NCAA Core Criteria</i>	.5 Credit (L.A.)

Prerequisite: SAT or ACT scores/English placement test/GPA, GBC Accuplacer

This course is a college level course.

Composition and Rhetoric: Reading and writing of English, with special attention to composition and the investigative paper.

COLLEGE ENGLISH (English 102)**	Semester 2
Meets English IV Requirement <i>Meets NCAA Core Criteria</i>	.5 Credit (L.A.)

Prerequisite: SAT or ACT scores/English placement test/GPA, or GBC Accuplacer

Composition and Literature: Continuation and extension of the first semester, with readings including literature as a means to further training and composition.

****Note:** English 101/102 classes meet on specific days of the week (Monday/Wednesday or Tuesday/Thursday) and do not correspond with SCHS's A day/B day schedule. Students who are enrolled in English 101/102 must be enrolled for two class periods to facilitate these meeting times. Much of the work done for the courses is online, so students will have face-to-face instruction for this class only 1-2 days per week.

****Note:** If a student drops English or History 101 or 102 for any reason, the student's parents are responsible for reimbursing the Elko County School District for any tuition paid by the Elko County School District to Great Basin College on behalf of their child. If the student drops English 101 or 102 after the start of the school year, they will be placed into College Readiness English for the remainder of the year.

MATHEMATICS

ALGEBRA I	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)

Algebra I examines the basic structure of real numbers, algebraic expressions, and functions. The topics studied are linear equations, inequalities, functions and systems, quadratic equations and functions, polynomial expressions, data analysis, probability, and properties of functions. Mathematical modeling of real-life problems and problem solving are major themes of the course.

GEOMETRY	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)

Prerequisite: Algebra I

Geometry is studied as a mathematical system through the deductive development of relationships in the plane and space. Students formalize their understanding of geometric concepts, including congruence and similarity, circle chords, secants and tangent segments, parallel and perpendicular lines, angle and side measures in polygons, proofs, logic, transformations, the Pythagorean Theorem, constructions, coordinate geometry, and surface area and volume of solids.

ALGEBRA II	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)

Prerequisite: Algebra I and Geometry

Algebra II is the study of the complex number system and functions. Real-world problems are discussed, represented, and solved using advanced algebraic techniques, incorporating technology. The properties and algebra of functions, including polynomial, exponential, logarithmic, piece-wise, radical, and rational, are analyzed and applied, as well as conics, matrices, systems of equations, sequences, and series.

TRIG & DISCRETE MATH	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)

Recommendation: a grade of C or higher in Algebra II or teacher recommendation

NOTE: This class is recommended for the student who is not quite ready for Pre-Calculus but has the intention of continuing their education beyond high school.

Trigonometry completes the formal study of the elementary functions begun in Algebra 1 and Algebra 2. Functions studied include polynomial, exponential, logarithmic, rational, radical, piece-wise, and trigonometric and circular functions and their inverses. Students engage in the exploratory analysis of data, using graphical and numerical techniques. Data sets are collected using statistical design methods. Students produce appropriate models using probability, simulation, and statistical inference. Models are used to draw conclusions from data and analyzed by inferential methods to determine whether the data support or discredit the model.

PRE-CALCULUS HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)

Recommendation: A, B grade in Algebra II and teacher recommendation

Pre-Calculus completes the formal study of the elementary functions begun in Algebra 1 and Algebra 2. Students focus on the use of technology, modeling, and problem solving. Functions

studied include polynomial, exponential, logarithmic, rational, radical, piece-wise, and trigonometric and circular functions and their inverses. Students in this class as a junior or younger are expected to take AP Calculus AB in the following year.

AP CALCULUS AB	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Math)
Course Fee Approximately \$100.00 - AP Exam Fee	

Recommendation: A, B grade in Pre-Calculus and teacher recommendation

NOTE: This is a college class for potential college credit and demands college rigor.

The topics studied in AP Calculus AB are those traditionally offered in the first year of calculus in college, and designed for students who wish to obtain a semester of advanced placement in college. The topics studied include limits, continuity, derivatives, and integrals of algebraic and transcendental functions and their applications, and elementary differential equations. It is the expectation that students will take the AP Calculus AB test in May. For most academic post-secondary institutions, the student will receive college credit if they pass with a 3, 4, or 5.

Go to: http://www.collegeboard.com/student/testing/ap/sub_calab.html?calcab for a full course description.

CONSUMER MATHEMATICS	Full Year
Grade 12	1 Credit (Math)

Consumer Mathematics combines consumer education with the mathematics necessary for making consumer decisions. Topics include income, budgeting, purchasing, banking, credit, investments, taxation, transportation and travel, housing, insurance, probability, statistics, and the operation of a small business. Emphasis is placed on the mathematics involved in careers. Material is presented in the context of problem-solving situations.

COLLEGE & CAREER READINESS MATH	Full Year
Grade 12	1 Credit (Math)

Recommendation: Passing grades in Algebra I, Geometry, AND Algebra II

NOTE: This class is recommended for the student who is not quite ready for Trigonometry or Pre-Calculus but has the intention of continuing their education beyond high school. The goal and objective of the class is to increase understanding of high school mathematics, to increase understanding of college preparatory mathematics, and to thus increase scores on the mathematics portion of the ACT exam eliminating the need for remedial mathematics at college or university.

The curriculum for this class will consist of a thorough review of Algebra I, Geometry, and Algebra II during the first semester. The second semester will focus on Trigonometry. Functions studied include trigonometric and circular functions and their inverses.

SCIENCE

PHYSICAL SCIENCE	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

This course provides students with knowledge of Physical Science with emphasis on the basic concepts of Chemistry, Physics and Earth Science. This includes developing problem-solving skills, laboratory work, and an awareness of the current problems facing mankind including new energy sources, environmental concerns, and technological advances. Students are highly recommended to take this course during their freshmen year since many of the concepts in this course are applied to subsequent science course content.

PHYSICAL SCIENCE HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: Honors Criteria

This course provides students with knowledge of Physical Science with emphasis on the basic concepts of Chemistry, Physics and Earth Science. This includes developing problem-solving skills, laboratory work, and an awareness of the current problems facing mankind including new energy sources, environmental concerns, and technological advances. Students are highly recommended to take this course during their freshmen year since many of the concepts in this course are applied to subsequent science course content. Honors students will also be required to complete an independent project.

BIOLOGY I	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

This is a two semester course in general Biology. Its purpose is to acquaint the student with the various fields in Life Science and to provide good foundation in the basic principles of Biology. A portion of the course is spent in the laboratory, while the remainder is devoted to lectures, demonstrations, and appropriate activities which encourage inquiry and critical thinking.

BIOLOGY I HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: must have passed previous science course with an A (regular science) or A/B (honors science)

This is a two semester course in general Biology. Its purpose is to acquaint the student with the various fields in Life Science and to provide good foundation in the basic principles of Biology. A portion of the course is spent in the laboratory, while the remainder is devoted to lectures, demonstrations, and appropriate activities which encourage inquiry and critical thinking. Honors students will also be required to complete an independent project.

COMPARATIVE VERTEBRATE ANATOMY AND PHYSIOLOGY	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: Biology I

This two semester course is to inform the student of the wide variety of life forms represented by the Vertebrates. The primary focus is the evolutionary history of the vertebrates. This is uncovered by

examination of the various anatomical systems and their physiology. Whenever possible, the functional role of differences in form will be discussed. In the laboratory, the emphasis is on an anatomical comparison of primitive (represented by the Dogfish Shark and lamprey) and derived (represented by the cat and human) vertebrates. Much of the laboratory time will be spent on dissection of these specimens with additional laboratory exercises added in throughout the course. By the end of the course, the student will have a solid understanding of the basic anatomy of vertebrates and fundamental knowledge of the relationships of all vertebrate groups. Emphasis will be placed on the phylogenetic relationship of vertebrates to clarify evolutionary trends in the story of the vertebrates.

HUMAN ANATOMY AND PHYSIOLOGY	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: Biology I

Anatomy and Physiology is a comprehensive introduction to structure and function of the human body. Essential principles of human anatomy/physiology include cells, tissues, organs, and systems of the body. In addition, it provides comparative anatomy with shark and cat dissections during the year. The course will also explore different medical field occupations, and will hold laboratory investigations to provide hands on activities. The concepts of digestion, circulation, respiration, homeostasis, kinesiology, skeletal system, myology, metabolism, and nervous system will be included in this course. This course is very practical for all students wanting to enter into the medical or allied health field desiring more knowledge of the human body.

CHEMISTRY	Full Year
<i>Meets NCAA Core Criteria</i>	1 credit (Science)

Prerequisite: Biology I

If the student is a sophomore, he/she must take Bio I or Bio I Honors at the same time.

Chemistry is the study of matter, its structure, composition, and properties, and the changes that matter undergoes. The course incorporates laboratory experiences with lecture, problem-solving and critical thinking skills, demonstrations, reports and projects.

CHEMISTRY HONORS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: Algebra I, Physical Science, Biology I and Honors Criteria

If the student is a sophomore, the student must take Bio I or Bio I Honors at the same time.

Chemistry is the study of matter, its structure, composition, and properties, and the changes that matter undergoes. The two semester course incorporates laboratory experiences with lecture, problem-solving and critical thinking skills, demonstrations, reports and projects.

SCIENCE SEMINAR	Full Year
Grade 12	1 Credit (Science)

Prerequisite: must have passed previous science courses with A, B, or C

A two semester course in conservation which revolves around research strategies and our natural history. Topics include ecology, human population, range issues, biodiversity, wildlife, land use, soils, air and water. The outdoor component will involve several field trips. Students enrolling will be required to do an individual research project. This program is ideal for the outdoor enthusiast with research aspirations.

PHYSICS	Full Year
<i>Meets NCAA Core Criteria</i>	1 Credit (Science)

Prerequisite: Physical Science, Biology I and Algebra II

Physics is the study of matter and energy and how they are related. Included are such phenomena as the following: motion, energy, forces, heat, sound, light, magnetism, and electricity. The two semester course encourages problem-solving ability, incorporates laboratory experiences, and provides information on new scientific discoveries.

AP BIOLOGY	Full Year
Grades 10-12	1 Credit (Science)
<i>Meets NCAA Core Criteria</i>	
Course Fee Approximately \$100.00 - AP Exam Fee	

Note: This is a college class for potential college credit and demands college rigor.

Explore concepts such as Newtonian mechanics, fluid mechanics, thermodynamics, electricity, magnetism, waves, optics, and atomic and nuclear physics. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations that explore these physics concepts.

Go to http://www.collegeboard.com/student/testing/ap/sub_physb.html?physicsb for a full description of this course.

AP PHYSICS	Full Year
Grades 11-12	1 Credit (Science)
<i>Meets NCAA Core Criteria</i>	
Course Fee Approximately \$100.00 - AP Exam Fee	

Note: This is a college class for potential college credit and demands college rigor.

Explore concepts such as Newtonian mechanics, fluid mechanics, thermodynamics, electricity, magnetism, waves, optics, and atomic and nuclear physics. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations that explore these physics concepts.

Go to http://www.collegeboard.com/student/testing/ap/sub_physb.html?physicsb for a full description of this course.

SOCIAL STUDIES

WORLD HISTORY	Full Year
Grade 10 <i>Meets NCAA Core Criteria</i>	1 Credit (Social Studies)

This course is designed to trace the political, economic, social and religious history of the world from the time of the Renaissance and enlightenment to the present. The course will be presented in a manner that shows cause and effect of historical events based upon the actions of individuals and nations. A relationship between historical events and current events will be drawn when possible. Students shall use maps, globes, and other geographic tools and technologies to locate and derive information about people, places, and environments. Additionally, students shall apply geographic knowledge of people, places, and environments to interpret the past, understand the present, and plan for the future.

AMERICAN HISTORY	Full Year
Grade 11 <i>Meets NCAA Core Criteria</i>	1 Credit (Social Studies)

This course is designed to trace the political, social, economic and religious history of the United States from the arrival of the first Americans by way of the land bridge, to the present time. This course will be presented to show cause and effect of the actions of individuals and events on the creation of historical events. The relationship between historical events and current events will be drawn when possible. Special emphasis will be given to the history of the State of Nevada.

AP US HISTORY	Full Year
Grade 11 <i>Meets NCAA Core Criteria</i>	1 Credit (Social Studies)
Course Fee Approximately \$100.00 - AP Exam Fee	

Note: This is a college class for potential college credit and demands college rigor.

This one year course is an analytical study of American history, from the pre-Columbian days to the present. Students will gain a critical perspective on key events and people that shaped our nation. Students will develop critical thinking skills, interpret primary sources such as maps, letters, photos, essays, graphs, statistics, and political cartoons, assess the validity of historical arguments, write analytical essays with a strong thesis statement, and develop map skills. Emphasis will be placed on the preparation for the College Board examination that will take place in May. Furthermore, this course will fulfill the United States History credit required for graduation.

GOVERNMENT	Full Year
Grade 12 <i>Meets NCAA Core Criteria</i>	1 Credit (Social Studies)

American Government is designed to assist students in understanding the structure and functions of the United States Government, state and local governments. The concepts of patriotism, citizenship and political parties are stressed. Students will be expected to do a reasonable amount of homework.

AP US GOVERNMENT	Full Year
Grade 12 <i>Meets NCAA Core Criteria</i>	1 Credit (Social Studies)
Course Fee Approximately \$100.00 - AP Exam Fee	

Note: This is a college class for potential college credit and demands college rigor.

This one year course is an analytical study of the federal, state, and local governments, where students will gain a critical perspective on government and politics in the United States. At the core of this class is an in-depth study of the U.S. Constitution. The course will require students to study and analyze various political concepts as well as case studies relating to American government and politics. Students will study the interaction of the three branches of government, the federal bureaucracy, interest groups, political behavior, and actions of the diverse politicians within the United States. Emphasis will be placed on preparation for the College Board examination that will take place in May. Furthermore, this course will fulfill the United States government credit required for graduation.

PHYSICAL EDUCATION

INTERSCHOLASTIC ACTIVITIES (PE Waiver Forms)	Semester
Grades 10-12	.5 Credit (P.E.)

ECSD Policy includes the following:

The Elko County School District shall exempt a pupil from not more than one-half (1/2) credit per semester up to one (1) credit maximum in physical education if the pupil participates in interscholastic athletics, on a drill team, in a marching band, in a dance group or on a cheerleading squad if (a) The activity is sponsored by the school; and, (b) The pupil actively participates in the activity for at least 120 hours that is verified by the coach or advisor. Once a student has completed the participation requirements the course title “Interscholastic Activities” will be posted to a student’s historical grades with a grade of Pass (P). “Interscholastic Activities” is a Pass (P) or Fail (F) course. This course will not be used in the GPA or honor roll calculation, however this course does count for graduation requirements.

The following procedure will be utilized to implement this policy at Spring Creek High School:

All 9th grade students will be enrolled in a physical education course for the entire school year (two semesters), to earn one (1) of the two (2) PE credits required for graduation. Exemption from the remaining one (1) credit (two semesters) requirement will be obtained after completion of 9th grade. Exemption from the PE credit requirement can only take place after the student has completed participation in the activity. The student must remain in good standing in the activity throughout the duration of the season in order to earn the exemption. The process for requesting the exemption is as follows:

1. The student will request the appropriate paperwork from the Guidance Office.
2. The athletic director will verify the activity participation requirements with the head coach or advisor, and secure a signature from the head coach or advisor.
3. The athletic director will submit the paperwork approving the exemption to the Guidance Office.
4. The “Interscholastic Activities” course will be entered into the student’s transcript by Guidance Office personnel.

WEIGHTS	Full Year
Grades 9-12	1 Credit (P.E.)

Prerequisite: There is limited space in our weights classroom, therefore students requesting weights must meet the following criteria: 1) *Students must have earned an A or B for both semesters in their previous PE or Weights class AND 2) Students must have a signature on their course request form from their previous PE or Weights teacher.*

An elective Physical Education course designed for students desiring a more extensive conditioning and physical training program. The basics of lifting, plyometrics, and training techniques will be taught. Proper techniques of lifting and spotting will be emphasized. The goal of the course will be to increase individual strength, flexibility, and endurance.

LIFE SPORTS	Full Year
Grades 11-12	1 Credit (P.E.)

Prerequisite: Completed one year of P.E.

This class will focus on activities that students will have the opportunity to enjoy during their lives. Students requesting life sports must meet the following criteria: 1) *Students must have earned an A or B for both semesters in their previous PE or Weights class **AND** 2) Students must have a signature on their course request form from their previous PE or Weights teacher.* This class is designed for the more competitive, athletic, driven student.

PHYSICAL EDUCATION I PHYSICAL EDUCATION III PHYSICAL EDUCATION IV	Full Year
Grades 9-12	1 Credit (P.E.)

The aim of physical education is to provide daily physical activity for each individual and to help them gain an appreciation for their physical body through active participation in sports and activities. An emphasis will be placed on physical fitness. Students will receive fitness testing throughout the year to measure their ability as well as their progress. The objective of physical education for all students is to develop physical fitness and the social characteristics of sportsmanship, responsibility, truthfulness, honesty, discipline, and cooperation.

HEALTH AND COMPUTERIZED FINANCIAL LITERACY

HEALTH	Semester
Grade 10	.5 Credit (Health)

This course satisfies the graduation requirement for one-half credit of Health and is designed to offer the student a realistic view of the health and safety aspects of his own daily activities. The course seeks to stimulate, motivate, and inspire the student to use wise health behaviors by identifying with the interests and problems of his own age group. This shall be accomplished by studying human growth and developments, dangerous use of tobacco, alcohol, drugs, disease control, mental health, community health, human sexuality, AIDS, accident prevention, safety, first aid, nutritional health, consumer health and health careers.

COMPUTERIZED PERSONAL FINANCIAL LITERACY	Semester
Grade 10	.5 Credit (Personal Finance)

This course satisfies the graduation requirement for one-half credit of instruction in financial literacy as outlined by Senate Bill 317. This course includes instruction in four main concepts of finance. These include; skills necessary to develop financial responsibility, understanding personal finances, understanding the use of credit and the incurrence of debt, and the basic principles of saving and investing money (personal banking). These concepts are taught together with integrating basic computer skills and different software applications within the class.

ELECTIVES

Language Arts

JOURNALISM I /NEWSPAPER	Full Year
Grades 10-12 <i>Meets NCAA Core Criteria</i>	1 Credit (Humanities)

Prerequisite: Letter of recommendation from previous English teacher attesting to writing ability and work ethic.

First year journalism is designed to provide students with the tools for writing articles for and producing the high school newspaper. Basic news writing, editing, lay out and interviewing skills form the practical core of the class. A study of journalistic ethics and an overview of the influence and importance of the media provide a context for publication, as well as raising the awareness of students to some of the more critical issues of our time. Material will be drawn from historic as well as contemporary media and will be designed to make students more thoughtful critics and consumers of the news. Students will create a portfolio of their work over the course of the year as a final project. Keyboarding skills are mandatory for enrollment, though this requirement may be waived with the instructor's approval. General knowledge of desktop publishing programs will be helpful.

JOURNALISM II /NEWSPAPER	Full Year
Grades 11-12 <i>Meets NCAA Core Criteria</i>	1 Credit (Humanities)

Prerequisite: Journalism I

In addition to material covered in Journalism I, Journalism II students will have an increasingly more active role in planning, writing, and producing the high school paper. A major research project will be required.

JOURNALISM III /NEWSPAPER	Full Year
Grade 12 <i>Meets NCAA Core Criteria</i>	1 Credit (Humanities)

Prerequisite: Journalism II

Journalism III students will occupy an editorial position on the staff and, besides the requirements for Journalism I & II, Journalism III students will help plan and present lessons pertinent to the class and assist in evaluating the performance of Journalism I & II students.

PUBLIC SPEAKING	Full Year
Grades 9-12 <i>Meets NCAA Core Criteria</i>	1 Credit (Humanities)

Speech is a course designed to improve communication skills. The first semester will include assignments such as round table discussions, current events speeches, prepared informative speeches, storytelling, and demonstrations to improve confidence and self-esteem. Also developed, will be greater ease in expressing thoughts and feelings more effectively and understandably. Students will also participate in two major speech contests.

The second semester is designed to enhance those skills learned during the first semester. There will be impromptu speaking, as well as a study of persuasion, spontaneous argumentation and debate with an emphasis in using logic and reasoning.

PUBLICATIONS I (YEARBOOK)	Full Year
Grades 10-12	1 Credit (Humanities)

Prerequisite: Computer Literacy and a letter of recommendation from previous English teacher attesting to writing ability and work ethic.

This course will emphasize copy writing, photographic layout and design. In addition, organizational skills, accuracy and meeting deadlines will be stressed. This Class produces the school Yearbook. Students are instructed in the elements of photography and page design. Students will be instructed in the operation of a variety of 35mm cameras and will be expected to attend school events to take photos for use in the yearbook.

PUBLICATIONS II (YEARBOOK)	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Publications I

Students will build on skills learned in Publications I. Students will design layouts, take pictures of current events around school, write copy and captions and crop photos to fit layouts. In addition, students will assume assistant leadership roles within the staff organization.

PUBLICATIONS III (YEARBOOK)	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: Publications II

Students will assume leadership roles on the staff. They will be responsible for planning, organizing and overseeing work on the various sections of the yearbook. They will assist in training new staff members.

DRAMA I	Full Year
Grades 11-12	1 Credit (Humanities)

This class is designed to expose students to all aspects of theater and theater production. Areas covered will include acting, makeup, lighting, staging and set design. Performance and participation in class as well as participation in one of the extra-curricular productions is required.

DRAMA II	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: Drama I

The second year of drama is a continuation of Drama I. Students will have added responsibility in leading demonstrations on makeup, staging, lighting and set design. They will get exposure to playwriting and directing. Emphasis will be on performance in a comedy and a drama production. Participation in three of the extra-curricular productions is required.

Social Studies

LEADERSHIP	Full Year
Grades 9-12	1 Credit (Elective)

Prerequisite: Teacher Recommendation

This course deals with the student leadership and government of the school. Course content centers on developing leadership skills and planning group and individual projects. Students enrolled are required to develop and carry out activities and are expected to set positive examples for their peers. Enrollment is limited to all student council members and class officers. This class may be repeated each year for credit.

INTRO TO SOCIOLOGY	Semester
Grades 10-12 <i>Meets NCAA Core Criteria</i>	.5 Credit (Elective)

*** This is a semester class and pairs with Intro to Psychology.**

Students in this course will explore how social groups and institutions affect individuals and other groups as well as how various social-environmental forces directly or indirectly affect human behavior. The sociological perspective, the attempt to understand and explain human interaction by examining behavior in its broader social context, focuses on how these various groups and institutions develop and function within the structure of a given society and how people are influenced by them. Sociologists also compare whole societies for the purpose of examining their similarities and differences. The instructor often uses the mediums of film and television to broadly examine social context. Some of the information and material is mature in nature and requires parental permission. Assessment is based primarily on projects, quizzes and exams. Class participation is also required as students are expected to study social interaction by taking part in it, an approach often taken by sociologists.

INTRO TO PSYCHOLOGY	Semester
Grades 10-12 <i>Meets NCAA Core Criteria</i>	.5 Credit (Elective)

*** This is a semester class and pairs with Intro to Sociology.**

Students in this course will be offered a basic introduction to the field of psychology. Psychology is the scientific study of behavior and mental processes. This course will examine the methods scientists use to study both of these and their relationship to one another as well as the many theories that attempt to explain what is philosophically referred to as “the mind” (as distinct from the brain). The course compares and contrasts seven prevalent contemporary perspectives in the field: biological, cognitive, humanistic, learning, psychoanalytic, humanistic and socio-cultural, and how each approaches the study of personality development, analysis, and treatment of disorders. Common general practices and popular trends currently employed by professionals in the field will also be explained. The course will begin with a review of the most historically influential and culturally significant theorists regarded as pioneers in the field with special attention afforded to the infamous contributions of Sigmund Freud. Students can expect to study in detail the symptoms and causes of the most prominent psychological disorders and dysfunctions. Students will also explore theories behind learning and conditioning, as well as personality. In addition, the course offers information and strategies for improving one’s personal psychological health and well-being. Grading is based upon multiple-choice tests, papers and class work.

AP PSYCHOLOGY	Full Year
Grades 11-12 <i>Meets NCAA Core Criteria</i>	1 Credit (Elective)
Course Fee Approximately \$100.00 - AP Exam Fee	

The AP Psychology course is a college level course designed to introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principals, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. For a full description of the curriculum, go to <https://apstudent.collegeboard.org/apcourse/ap-psychology>.

Art

FOUNDATIONS OF DESIGN ART	Full Year
Grades 9-12	1 Credit (Humanities)
Fee: \$20.00	

Foundations of Design Art is a one year introductory art class. The student gains an understanding of the Elements of Art and Principles of Design and is able to apply these to the creation of art.

POTTERY	Full Year
Grades 10-12	1 Credit (Humanities)
Fee: \$ 20.00	

Prerequisite: Foundations of Design Art

A one-year course that provides experience in using the elements and principals of art and procedures found in the pottery making business as a creative means of aesthetic expression.

SCULPTURE	Full Year
Grades 10-12	1 Credit (Humanities)
Fee: \$20.00	

Prerequisite: Foundations of Design Art

A one-year course designed as an introduction to various forms of sculpture and three-dimensional design. A variety of media will be explored.

DRAWING & PAINTING	Full Year
Grades 10-12	1 Credit (Humanities)
Fee: \$20.00	

Prerequisite: Foundations of Design Art

A one year course designed to offer students a working knowledge of drawing and painting, and a background for personal enjoyment. Awareness of and appreciation for the fine arts will be developed by hands-on use of various media and the study of other artists.

ADVANCED ART	Full Year
Grades 11-12	1 Credit (Humanities)
Fee: \$20.00	

Prerequisites: Drawing & Painting

The following is a one year course of study. The course is designed to give the advanced student a chance to explore several different art media. The course should develop the student's use of sensory elements, organizational principles and expressive features in completing individual works of art.

PHOTOGRAPHY I	Full Year
Grades 9-12	1 Credit (Humanities)
Fee: \$20.00	

This course is designed to introduce students to the fundamentals of commercial photography in relation to seeing photographically, operating cameras, use of light, image capture, and processing digital images. Students will also learn the history of photography, legal and ethical issues related to the industry. Career exploration is also a part of this course.

PHOTOGRAPHY II	Full Year
Grades 10-12	1 Credit (Humanities)
Fee: \$20.00	

Prerequisite: Photography I

This course is a continuation of Photography I. This course provides intermediate photography students with instruction in advanced digital techniques and processes. Areas of study include operating cameras, use of light, image capture, and processing digital images. Students will also learn the history of photography, legal and ethical issues related to the industry. The appropriate use of technology and industry-standard equipment is an integral part of this course.

Foreign Language

SPANISH I	Full Year
Grades 9-12	1 Credit (Humanities)
<i>Meets NCAA Core Criteria</i>	

Note: Native speakers should not take Spanish I – see instructor for correct placement.

This course is designed to provide an introduction to the Spanish language and life through mastery of basic structured patterns and pronunciation. This shall be done through oral and written dialogues, conversations, and pattern drills. There will also be opportunity to use the language in original oral and written statements. Cultural and geographic backgrounds may be presented in both Spanish and English. Areas of particular interest to be covered in vocabulary include simple greetings, numbers, school, family, clothing, and food.

SPANISH II	Full Year
Grade 10-12	1 Credit (Humanities)
<i>Meets NCAA Core Criteria</i>	

Prerequisite: Spanish I

This course is designed to provide for the continued development of audio-lingual proficiency and to increase the emphasis on reading, comprehension, and the acquisition of writing skills in the Spanish language. This will be accomplished through the use of written, oral, and original dialogues, original paragraphs, and the continued study of grammar, extensive vocabulary and culture.

SPANISH III/IV	Full Year
Grades 11-12	1 Credit (Humanities)
<i>Meets NCAA Core Criteria</i>	

Prerequisite: Spanish II/III

These courses are designed so that the student is given an opportunity to develop more skill in reading the language and more fluency and spontaneity in conversation. This is achieved by the reading of short stories, plays, poetry, essays, and articles which are only slightly simplified, if at all. Discussions based on the readings and original conversations encompassing a wide range of vocabulary will be conducted in Spanish.

Music

BAND	Full Year
Grades 9-12	1 Credit (Humanities)
Purchase of a band method book and needed supplies is required.	

Prerequisite: Previous learning on a band instrument or teacher approval.

Students enrolled in this course participate in a concert band during the entire school year. This course will introduce the instrumental music student to contemporary band literature and techniques in the area concert band. Instruction on wind and percussion instruments will include study in notation, theory, and technique. Students are responsible for providing basic performance attire. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom with the exception of the district sponsored band festival and two curriculum-based performances (one each semester).

*Students may choose to participate in the extra-curricular activities of marching band or pep band if enrolled in this course. Fees are charged and details will be provided to the student prior to joining.

INTRODUCTION TO MUSIC TECHNOLOGY	Full Year
Grades 9-12	1 Credit (Humanities)
A software subscription fee (less than \$15) is required.	

This general music class allows students to connect with music digitally through software, apps or online tools. Students will utilize multimedia elements to develop knowledge of general music topics and concepts. Students will create their own music, even if they don't know how to read or play an instrument, while learning about general music technology, legal and ethical issues in digital music, the science of sound and sound transmission, sound reproduction and composition.

MUSIC APPRECIATION	Full Year
Grades 9-12	1 Credit (Humanities)

This one-year course is a non-performance class meant to increase students' musical awareness and give students the tools to actively listen to, discuss, and critique various styles of music. This course will focus on learning the basic elements of music: Melody, Rhythm, Harmony, Form, Texture, Tempo, and Dynamics. Basic music elements will be used in the study of a variety of musical genres, including Classical, Rock, Musicals, Opera and World Music.

PERFORMANCE CHOIR (High Expectations Choir)	Full Year
Grades 9-12	1 Credit (Humanities)
Purchase of a chorus spirit pack is required.	

Prerequisite: Required yearly audition and teacher approval.

This course is designed to augment advanced choral music students with a variety of advanced choral literature and advanced techniques of vocal production, with an emphasis on public performance. Rehearsals and performances outside of the regular school day may be required. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom with the exception of the district sponsored choral festival and two curriculum based performances (one per semester).

*The chorus spirit pack provides the student with supplies, performance attire and fees. Details will be provided to the student the first week of school.

CHORUS	Full Year
Grades 9-12	1 Credit (Humanities)
Purchase of a chorus shirt is required.	

This course is designed to acquaint vocal music students with a variety of choral literature and the many techniques of vocal production. Students are responsible for purchasing a choir shirt and for providing basic performance attire. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom with the exception of the district sponsored chorus festival and two curriculum based performances (one per semester).

GUITAR	Full Year
Grades 9-12	1 Credit (Humanities)
Purchase of method books is required.	

This one year course is designed for students with no previous acoustic guitar experience. Students will receive guidance and direction for solving problems related to playing the acoustic guitar on a beginning level and will learn many of the different styles, skills and techniques required to become a successful musician. Some school owned acoustic guitars are available for use. Electric guitars and / or amplifiers may not be used in class. There are no required public performances.

UKULELE	Full Year
Grades 9-12	1 Credit (Humanities)
Purchase of method book is required.	

This course is designed to acquaint vocal music students with a variety of choral literature and the many techniques of vocal production. Students are responsible for purchasing a choir shirt and for providing basic performance attire. Students must meet eligibility requirements in order to represent the school in any performance activities outside of the classroom with the exception of the district sponsored chorus festival and two curriculum based performances (one per semester).

Non-Departmental

TUTOR AIDE	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Counselor Recommendation

Tutors can work one-on-one, in small groups, in a lab, or in a classroom with students. Tutors review concepts or explain processes to improve the student's academic achievement and assist the student in becoming capable of independent academic success.

Tutoring is a support service for students and is not intended to take the place of instruction. Tutors help students understand, express, and apply course concepts. Tutors advise students, when appropriate, concerning methods and habits of study, and provide relevant examples of materials.

Students are limited to one Aide position a semester.

PRINCIPAL AIDE	Full year
Grades 11-12	1 Credit (Elective)

Prerequisite: Completed Application, Principal Recommendation

Principal aides work in the principal's office. Students learn office procedures by working with records, filing, answering the phone, and by basically helping with office procedures. Students must have excellent attendance, and they must be friendly and courteous. Since many of the tasks in all of the offices deal with sometimes sensitive records or sensitive issues, respect for confidentiality is a primary responsibility. Students should check with the prospective office supervisor for an interview before signing up for this class. **Students are limited to one Aide position a semester.**

GUIDANCE AIDE	Full Year
Grades 11-12	1 Credit (Elective)

Prerequisite: Completed Application, Guidance Office Approval

Guidance aides work in the guidance office. Students learn office procedures by working with records, filing, answering the phone, and by basically helping with office procedures. Students must have excellent attendance, and they must be friendly and courteous. Since many of the tasks in all of the offices deal with sometimes sensitive records or sensitive issues, respect for confidentiality is a primary responsibility. Students should check with the prospective office supervisor for an interview before signing up for this class

LIBRARY AIDE	Full Year
Grades 11-12	1 Credit (Elective)

Prerequisite: Completed Application, Librarian Approval (should enjoy reading).

The student aide will maintain records, keep files, shelve books, locate information, help maintain the library environment and assist the school librarians in several other assigned tasks. Typing skills and computer competency are beneficial but not mandatory requirements. Attendance is a very important component of the grade in this class.

WORK PRIVILEGE	Semester
Grade 12	No Credit

Seniors in good standing and on track for graduation can qualify for up to three periods of Work Privilege. Work Privilege requires participating seniors to meet and maintain eligibility requirements: **minimum 2.5 GPA, signed employment verification, signed parental permission,**

compliance with the 90% attendance policy (no more than 6 absences in a block class, or 10 absences in 3AB). Eligibility will be re-evaluated throughout each term and students may be removed from Work Privilege for failure to maintain eligibility (ie failing classes, excessive absences, disciplinary issues, etc).

CIS ACADEMY	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: By Teacher or Counselor Recommendation ONLY!

CIS Academy is a Communities In Schools initiative that is an in-school youth development program, which utilizes interagency teams to connect struggling teens with the training and resources they need to overcome obstacles and get back on course.

The CIS Academy classes are small. Teachers and case managers utilize both one-on-one interaction and group activities to introduce students to effective behavioral strategies and life skills.

CIS Academy students also have an opportunity to participate in a variety of support services and enrichment experiences. These activities provide exposure to the world of work, career awareness, financial literacy, and service-learning projects.

Finally, wrap-around support services such as teen counseling, hunger prevention, and wellness programs are available for those students who need it. The CIS Academy program focuses on helping youth access the resources they need to become healthy, independent, successful adults.

CAREER AND TECHNICAL EDUCATION

Purpose

Spring Creek High School offers CTE Program Course Sequences in alignment with the Nevada Department of Education. The CTE courses and course sequences teach the knowledge and skills required by industry through applied learning methodology and, where appropriate, work-based learning experiences that prepare students for careers in high-wage, high-skill and/or high demand fields.

Program Course Sequences

CTE programs are setup into programs, the sequence of which provide for the successful delivery of the state standards in each program. Completion of the sequence is essential to ensure delivery of the standards.

Agriculture & Natural Resources

PROGRAM	COURSE SEQUENCE
Agriculture Leadership, Communication and Policy	<u>Core Course Sequence</u> Agriculture Science I Agriculture Science II Agriculture Leadership <u>Complementary Course</u> Agriculture LCP Advanced Studies
Animal Science	<u>Core Course Sequence</u> Agriculture Science I Agriculture Science II Animal Science
Veterinary Science	<u>Core Course Sequence</u> Agriculture Science I Agriculture Science II Veterinary Science III
Ornamental Horticulture/Greenhouse Management	<u>Core Course Sequence</u> Agriculture Science I Plant Science and Ornamental Horticulture Greenhouse Management
Agriculture Mechanical Engineering Technology Equipment Fabrication Systems	<u>Core Course Sequence</u> Agriculture Mechanical Engineering Technology I Agriculture Mechanical Engineering Technology II AG MET Equipment Fabrication Systems <u>Complementary Course</u> AG MET Advanced Studies

COURSES

AGRICULTURE SCIENCE I	Full Year
Grades 9-10	1 Credit (Elective)

This course is an introduction and survey course of the many career areas in agriculture. Topics include scientific investigations in agriculture, basic animal science, basic plant and soil science, ornamental horticulture, natural resource management, business management, leadership and communication through FFA, and career skills. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs.

AGRICULTURE SCIENCE II	Full Year
Grades 10-11	1 Credit (Elective)

Prerequisite: Agriculture Science I

This course is a continuation of Agriculture Science I. This course allows intermediate students to expand on skills and knowledge from Agriculture Science I. Areas of study include scientific investigations in agriculture, plant and soil sciences, agriculture sales and marketing, ornamental horticulture, animal sciences and natural resource management. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course.

AGRICULTURE LEADERSHIP	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Agriculture Science II

This course is a continuation of Agriculture Science II. This program provides advanced agriculture students with instruction on leadership and communication skills with a focus on opportunities in the agriculture industries. Topics will include communication research, verbal and written communications, journalism, mass media, agriculture policy and human relations. Other topics may include problem solving and decision making and teamwork skills. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

AGRICULTURE LCP ADVANCED STUDIES	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: Agriculture Leadership

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

VETERINARY SCIENCE III	Full Year
Grades 11-12	1 Credit (Humanities)
*Course is offered alternate years with Animal Science.	

Prerequisite: Agriculture Science II

This course is a continuation of Agriculture Science II and Veterinary Science II. This course is designed to introduce advanced agriculture students to the technical understanding and working knowledge of the veterinary industry. Topics to be covered include practices in the veterinary clinical setting, medical terminology, medical math, clinical examination, laboratory techniques, diseases and disorders, nutrition, clinical and office procedures, and ethical and welfare issues. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

PLANT SCIENCE & ORNAMENTAL HORTICULTURE	Full Year
Grades 10-12	1 Credit (Humanities)

Prerequisite: Agriculture Science I

This course is a continuation of Agriculture Science I or Horticulture Science. This course is designed to introduce the intermediate agriculture student to the skills and knowledge needed in order to successfully grow and care for plants. Areas emphasized include: plant anatomy and physiology, plant identification, propagation, growing media, nutrition, and plant technologies. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course.

GREENHOUSE MANAGEMENT	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Plant Science and Ornamental Horticulture

This course is a continuation of Ornamental Horticulture. This course provides advanced agriculture students a technical understanding and working knowledge of the greenhouse industry. Topics include safety, plant physiology, growing media, plant nutrition, integrated pest management, propagation, growing greenhouse crops and greenhouse business concepts. Students will gain knowledge and skills related to the care and management of gardens and greenhouses. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

AGRICULTURE MECHANICAL ENGINEERING TECHNOLOGY I	Full Year
Grades 9-12	1 Credit (Elective)

This course will introduce students into the foundation skills necessary for agriculture mechanics and industry employment. Areas of study may include general shop safety, basic welding shielded arc welding, oxy acetylene cutting, electrical residential wiring, water management and irrigation, land surveying and GPS, and small engines. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs.

AGRICULTURE MECHANICAL ENGINEERING TECHNOLOGY II	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Agriculture Mechanical Engineering Technology I

This course is a continuation of Agriculture Mechanical Engineering Technology I. It allows intermediate agriculture students to expand on skills and knowledge from Agriculture Mechanical Engineering Technology I. Areas of study may include general shop safety, welding Shielded metal arc welding, Gas Metal Arc welding, plasma cutting, oxy fuel cutting and welding, electrical residential wiring, hydraulics, agricultural drafting and construction, small engines and power, and machinery maintenance and repair. Project planning and construction will be part of this program. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course.

AG MET EQUIPMENT FABRICATION SYSTEMS	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Agriculture Mechanical Engineering Technology II

This course is a continuation of Agriculture Mechanical Engineering Technology II. This course provides advanced agriculture students with instructions in advanced techniques and processes such as shop safety, welding Shielded metal arc welding, Gas Metal Arc welding, plasma cutting, oxy fuel cutting and welding, Gas Tungsten Arc Welding electrical, hydraulics, agricultural drafting and construction. An essential part of this course will be leadership activities and Supervised Agriculture Experience Programs. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

AG MET ADVANCED STUDIES	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: AG MET Equipment Fabrication Systems; enrollment ONLY by written teacher approval

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through practical applications in the welding and agriculture mechanics industry. Major focus will be on project planning and construction in the welding industry. Areas such as Hydraulics and fluid power will also be incorporated. Professional portfolios will be developed and prepare students for career success (resume/portfolios). Students anticipating a career in the mechanical/welding field/Diesel/electrical/millwright should consider this capstone course.

This course will be student driven project based individual learning or in groups with assistance from instructor.

Business & Marketing Education

PROGRAM	COURSE SEQUENCE
Business Management	<p><u>Core Course Sequence</u> Principals of Business and Marketing Business Management I Business Management II</p> <p><u>Complementary Course</u> Business Management Advanced Studies</p>
Accounting and Finance	<p><u>Core Course Sequence</u> Accounting and Finance I Accounting and Finance II Accounting and Finance III</p>

COURSES

PRINCIPLES OF BUSINESS & MARKETING	Full Year
Grades 9-12	1 Credit (Elective)

This course is an entry-level course in the Business Management, Entrepreneurship, Marketing, and Sports & Entertainment Marketing programs that develops student understanding and skill in areas such as business law, communications, customer relations, economics, information management, marketing, and operations. Students acquire knowledge of fundamental business and marketing activities, factors affecting business, develop verbal and written communications skill, and participate in career exploration and planning.

BUSINESS MANAGEMENT I	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Principles of Business and Marketing

This course is a continuation of the Business Management program. The course addresses several types of management, including customer relationship management, human resources management, information management, knowledge management, project management, quality management, risk management, and strategic management. Economics, finance, operations, and professional development are also emphasized throughout the course. The appropriate use of technology and industry-standard equipment is an integral part of this course.

BUSINESS MANAGEMENT II	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Business Management I

This course is a continuation of the Business Management program and focuses predominantly on financial analysis that supports economic decision-making in business. It includes specialist- and management-level skills such as interpreting financial statements; calculating financial ratios; developing budgets; forecasting sales; and much more. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this

course, and meeting state criteria, students have the opportunity to potentially be awarded up to 6 college credits.

BUSINESS MANAGEMENT ADVANCED STUDIES	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: Business Management II

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit. Upon successful completion of this course, and meeting state criteria, students have the opportunity to potentially be awarded up to 3 college credits

ACCOUNTING AND FINANCE I	Full Year
Grades 11-12	1 Credit (Elective)

This course is an introduction to both accounting and finance. This course is an introduction to accounting processes, practices, and concepts as well as an introduction to the world of finance. Topics include debits and credits, career pathways, and a survey of the many industries associated with accounting and finance such as accounting, banking, insurance and investments. Students will be introduced to standard accounting software.

ACCOUNTING AND FINANCE II	Full Year
Grade 12	1 Credit (Elective)

Prerequisite: Accounting and Finance I

This course is a continuation of Accounting and Finance I. Students will learn occupational skills in accounting such as recording business transactions, preparing financial statements, maintaining cash controls and calculating financial ratios. Students will practice using standard accounting software and apply generally accepted accounting principles. Topics will also include regulations related to the banking and finance industries, how managers use financial information generated by accounting departments to influence decision-making. The appropriate use of technology and industry-standard equipment is an integral part of this course.

Education, Hospitality, & Human Services

PROGRAM	COURSE SEQUENCE
Foods and Nutrition	<u>Core Course Sequence</u> Foods and Nutrition I Foods and Nutrition II Foods and Nutrition III

COURSES

FOODS & NUTRITION I	Full Year
GRADE 9-12	1 Credit (Elective)
Course fees: \$25 lab fee	

This course is designed as a survey of all aspects of Consumer Sciences. Areas of study include building positive employment relationships, managing finances, health and wellness, clothing construction, leadership and career development. Units of study include Foods and Nutrition, Flat Pattern Design and Personal Financial Economics.

FOODS & NUTRITION II	Full Year
Grades 10-12	1 Credit (Elective)
Course fees: \$25 lab fee	

Prerequisite: Foods & Nutrition I

This class is for students who would like to explore the profession of teaching. for 6 College Credits: ECE 250 (3) and BUS 110 Human Relations for Employment (3). The latter course is required of all Nevada University graduates, regardless of major. This class provides students with an introduction to the principles of education. Study includes planning and implementing lessons at Sage Elementary, Spring Creek Elementary and Great Basin College Care Center. Transportation is provided.

FOODS & NUTRITION III	Full Year
Grade 11-12	1 Credit (Humanities)
Course fees: \$25 lab fee	

Prerequisite: Foods & Nutrition II

This course is a continuation of Foods and Nutrition II. Five required demonstrations will be scheduled revolving around specific units. This course provides intermediate students with more advanced activities to develop their skills in food selection and preparation. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for post-secondary education. Upon successful completion of this course students will be required to complete the State of Nevada's Career Readiness Exam, and a Foods and Nutrition Subject Area State of Nevada Exam.

EARLY CHILDHOOD EDUCATION III (Internship)	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: ECE II or Teacher Approval; EXCLUSIVE TO SENIORS

Course content includes identification of appointed Nevada Educational Standards for Math, English, Science and Social Studies relative to the pertinent grade for which the student interns are assigned. Class is for students who would like to either become an educator or explore the profession. End of year, State of Nevada exam is administered for certification as well as the State of Nevada's Exam for Career Readiness. This course is designed to prepare students for post-secondary education.

Information & Media Technologies

PROGRAM	COURSE SEQUENCE
Animation	<u>Core Course Sequence</u> Animation I Animation II Animation III
Graphic Design (*sequence will be phasing out beginning 2020-2021)	<u>Core Course Sequence</u> Graphic Design I Graphic Design II Graphic Design III

COURSES

ANIMATION I	Full Year
Grades 9-12	1 Credit (Elective)

This course introduces students to the basic principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, background development, traditional animation techniques, and the use of industry-standard technology. Projects are provided to develop the student's career-based animation skills.

ANIMATION II	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Animation I

This course is a continuation of Animation I. This course provides students further instruction in principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, modeling, background development, and traditional animation techniques. Projects are provided to develop the student's career-based animation skills. The appropriate use of technology and industry-standard equipment is an integral part of this course.

ANIMATION III	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Animation II

This course is a continuation of Animation I. This course provides students further instruction in principles of two and three-dimensional computer animation and graphics. Areas of study include storyboarding, character creation, modeling, background development, and traditional animation techniques. Projects are provided to develop the student's career-based animation skills. The appropriate use of technology and industry-standard equipment is an integral part of this course.

GRAPHIC DESIGN I	Full Year
Grades 9-12	1 Credit (Elective)

This course is designed to introduce students to the fundamental skills and knowledge needed to create graphic works using industry-standard hardware and software for a variety of purposes and outputs. Areas of study include the understanding of the industry history, terminology, color, design principles, typography and ethical and legal issues related to graphic designs. Emphasis is placed on layout design and the creation and manipulation of graphics.

GRAPHIC DESIGN II	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Graphic Design I

This course is a continuation of Graphic Design I. This course provides advanced graphic design students with instruction in advanced techniques and processes. Students will work on projects simulating challenges found in the design industry such as corporate identity, publishing, advertising, and web applications. Students will develop their skills utilizing industry-standard software and equipment. Portfolio development will be emphasized. The appropriate use of technology and industry-standard equipment is an integral part of this course.

GRAPHIC DESIGN III	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Graphic Design II

This course is a continuation of Graphic Design I. This course provides advanced graphic design students with instruction in advanced techniques and processes. Students will work on projects simulating challenges found in the design industry such as corporate identity, publishing, advertising, web applications, and package design. Portfolio development will be emphasized. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

Health Science & Public Safety

PROGRAM	COURSE SEQUENCE
Medical Assisting	<u>Course Sequence</u> Health Science I Medical Terminology Medical Assisting I
Sports Medicine	<u>Course Sequence</u> Health Science I Sports Medicine I Sports Medicine II

COURSES

HEALTH SCIENCE I	Full Year
Grades 9-12	1 Credit (Elective)
\$25 lab fee	

This course introduces students to advanced science courses related to medical fields. Areas of investigation will include human body systems, infectious diseases, medical treatment, medical mysteries, and medical interventions. Topics include research processes, bioinformatics, HIPAA and human medicine. Practices incorporate an appreciation of alternative and culturally diverse healthcare contributions by different societies. The appropriate use of technology and industry-standard equipment is an integral part of this course. Students will complete career research projects and have an opportunity to participate in CPR training and receive CPR certification.

MEDICAL TERMINOLOGY	Full Year
Grade 10-12	1 Credit (Elective)
\$25 lab fee	

Prerequisite: Health Science I

This course allows students to develop their knowledge and skills learned in Health Science I. Areas of study will include prevention, diagnosis, treatment, genetics, public health, forensic science, and biomedical engineering. The students will be introduced to the interactions of the human body and design experiments to investigate the structure and function. Application of medical terminology and process of medical language in the health care setting. This introduces the medical language related to each body system and includes an online resource lab that coincides with the course. Topics include safe practices in a workplace, homeostatic balance, protection, support, and movement.

MEDICAL ASSISTING I	Full Year
Grades 11-12	1 Credit (Humanities)
\$25 lab fee	

Prerequisite: Medical Terminology

This course provides advanced health science students with the skills required for entry-level positions such as administrative medical assistant or clinical medical assistant. The emphasis of this course is patient care. Demonstrations, laboratory experiments, job shadows, school and community health events, and hospital and nursing school experiences are integral aspects of this course. Upon

successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education. At the end of this course, students will participate in an End of Program assessment, and can be eligible for 6-9 college credits.

SPORTS MEDICINE I	Full Year
Grades 10-12	1 Credit (Elective)
\$25 lab fee	

Prerequisite: Health Science I

This course is designed to introduce students to the field of sports medicine. It will provide students with the opportunity to explore athletic training and sports medicine related fields. Students will receive instruction in sports medicine terminology, physical fitness, anatomy and physiology, kinesiology, injury evaluation and prevention procedures, and careers in sports medicine. Students will also demonstrate skills in cardiopulmonary resuscitation (CPR), first aid, and sports injury management and rehabilitation.

SPORTS MEDICINE II	Full Year
Grades 11-12	1 Credit (Humanities)
\$25 lab fee	

Prerequisite: Sports Medicine I

This course is a continuation of Sports Medicine I. Students will receive more specialized instruction in areas such as chiropractics, physical therapy, athletic training, and sports injuries. Topics include body systems, range of motion, practical applications of taping and bracing, and facilities troubleshooting. Job shadows, practitioner and nursing school experiences, school and community health events, and assisting at school athletic events are integral aspects of this course. At the end of this course, students will participate in an End of Program assessment, and can be eligible for 6-9 college credits.

Skilled & Technical Sciences

PROGRAM	COURSE SEQUENCE
Drafting and Design	<u>Core Course Sequence</u> Drafting and Design I Drafting and Design II Drafting and Design III

COURSES

DRAFTING AND DESIGN I	Full Year
Grades 9-12	1 Credit (Elective)

This course introduces the student to the fundamentals of mechanical and architectural drawing. This course provides students with the knowledge and practice required to produce and analyze multi-view drawings, pictorial drawings, and dimensioning. Students will gain experience using both sketching techniques and computer assisted drafting programs. Various career opportunities and areas for postsecondary study will be explored. Students will also partake in design projects and use equipment like an industrial laser, 3D printer and robots.

DRAFTING AND DESIGN II	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Drafting and Design I

This course is a continuation of Drafting and Design I. This course provides intermediate CADD (Computer-Aided Drafting and Design) students with advanced techniques and processes related to the various drafting and design industries. Areas of study include the development of advance CADD and sketching skills, plotting, scaling, auxiliary views, intersections, problem solving, critiquing, and team building. The appropriate use of technology and industry-standard equipment is an integral part of this course. More advanced design projects will be introduced. Additional equipment will include computer-controlled milling machines, laser, vinyl cutter, robotics, and a 3D printer.

DRAFTING AND DESIGN III	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Drafting and Design II

This course is a continuation of Drafting and Design II. This course provides advanced CADD (Computer-Aided Drafting and Design) students with instruction in advanced techniques and processes. The students will continue to develop all skills learned in Drafting and Design I and II. Areas of study include both mechanical and architectural drafting and design concepts. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

PROGRAM	COURSE SEQUENCE
Furniture and Cabinetmaking	<u>Core Course Sequence</u> Furniture and Cabinetmaking I Furniture and Cabinetmaking II Furniture and Cabinetmaking III <u>Complementary Course(s)</u> Furniture and Cabinetmaking Advanced Studies

COURSES

***Note:** Students will be responsible for the cost of all lumber to be used in each of their individual projects. Hardware, hinges, knobs, drawer glides and any other added equipment to their project will be the students' responsibility to provide.

FURNITURE & CABINETMAKING I	Full Year
Grades 9-12	1 Credit (Elective)

This course will introduce the beginning furniture and cabinetmaking student to the various stages of construction and assembly of wood products and related materials. This course is intended to provide students with the basic knowledge and skills necessary to design, construct, and finish furniture and/or cabinets in the woodworking industry. Through the course activities the student will gain an understanding of safety procedures, machine operation, and industrial applications.

FURNITURE & CABINETMAKING II	Full Year
Grades 10-12	1 Credit (Elective)

Prerequisite: Furniture and Cabinetmaking I

This course is a continuation of Furniture and Cabinetmaking I. This course provides intermediate furniture and cabinetmaking student with the necessary knowledge and skills to pursue employment in related industries. This course will increase knowledge gained in Furniture and Cabinetmaking I. Laboratory activities will include advanced processes using tools and equipment currently being used by the industry, including the software and hardware components of computer numerical-controlled (CNC) equipment. The appropriate use of technology and industry-standard equipment is an integral part of this course.

FURNITURE & CABINETMAKING III	Full Year
Grades 11-12	1 Credit (Humanities)

Prerequisite: Furniture and Cabinetmaking II

This course is a continuation of Furniture and Cabinetmaking II. This course provides advanced furniture and cabinetmaking students with knowledge and skills in finish carpentry and cabinetmaking for construction applications. Through hands-on projects, students develop technical skills that are used throughout the construction industry. The appropriate use of technology and industry-standard equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for postsecondary education.

FURNITURE & CABINETMAKING ADVANCED STUDIES	Full Year
Grade 12	1 Credit (Humanities)

Prerequisite: Furniture and Cabinetmaking III

This course is offered to students who have achieved all content standards in a program whose desire is to pursue advanced study through investigation and in-depth research. Students are expected to work independently or in a team and consult with their supervising teacher for guidance. The supervising teacher will give directions, monitor, and evaluate the students' topic of study. Coursework may include various work-based learning experiences such as internships and job shadowing, involvement in a school-based enterprise, completion of a capstone project, and/or portfolio development. This course may be repeated for additional instruction and credit.

***Note:** Students will be responsible for the cost of all lumber to be used in each of their individual projects. Hardware, hinges, knobs, drawer glides and any other added equipment to their project will be the students' responsibility to provide.