

2025-2026

Galena High School



9th Grade Course Catalog

Revised 1/6/25



Galena High School

2025-2026 REGISTRATION

PART 1 – “Online Registration is available now and must be completed by March 15th”

- MUST BE COMPLETED BEFORE STUDENTS ARE ENROLLED IN 2025-2026 CLASSES.
- Available NOW in your Infinite Campus Parent Portal at the following link:
<https://campus.washoeschools.net/campus/portal/washoe.jsp> (On the left side toward the bottom of the screen there is a link “online registration”. New to WCSD, see instructions below.)
- Please complete by March 15th.
- This registration is **mandatory** every year, which includes internet use, health forms, and updating address & phone numbers. *This can be done for all your WCSD students at **one time**.*

IF:

- **you do not have a parent portal account**, please contact Dana Leslie @ 851-5630 X7 [dleslie@washoeschools.net] for English or Leticia Alarcia-Moreno @ 851-5630 X30694 [lalarciamoreno@washoeschools.net] for Spanish.
- **you are new to WCSD**, go to washoeschools.net, click on Student/Parent Tab, click on “register for school”, choose the option of “new to WCSD”, and follow the instructions.
- **you do not have internet access at home**, all WCSD schools have a computer kiosk for you to use or you may access the link at any public library.
- **you have any questions**, please give us a call at 851-5630 X0 (for English) or X30694 (for Spanish).

Part 2 – “Course Selection”

- ✓ Course registration will take place with your counselors. They will be visiting English classes for course selection.
- ✓ Please submit your course selection form by February 23rd.
- ✓ Online registration **must** be completed before “Course Selections” are finalized.



REQUIRED COURSES/CREDITS FOR GRADUATION

The credit requirements for each diploma type are listed below:

Course Title	WCSD Standard (2023 - 2028)	WCSD Standard (2029-beyond)	State Advanced	College and Career Ready with Endorsement	WCSD Honors
English	4.0	4.0	4.0	4.0	4.0
Math (Must include Algebra 1, Geometry & Algebra 2 or equivalent)	3.0	3.0	4.0	4.0	4.0 ^Δ
Science	2.0	2.0	3.0	3.0	3.0 [†]
American Government	0.5	0.5	0.5	0.5	0.5
Economics and Personal Finance	0.5	0.5	0.5	0.5	0.5
U.S. History	1.0	1.0	1.0	1.0	1.0
World History/World Geography	1.0	1.0	1.0	1.0	1.0
PE	2.0	2.0	2.0	2.0	2.0
Arts/Humanities/CTE	1.0	-0-	1.0	1.0	1.0
Computer Literacy	0.5	0.5	0.5	0.5	0.5
Health	0.5	0.5	0.5	0.5	0.5
World Language	-0-	-0-	-0-	-0-	2.0*
Electives	6.0	6.0	6.0	6.0	4.0
Flex Credit	1.0**	2.0**	0	0	0
TOTALS	23.0	23.0	24.0	24.0	24.0
# of Honors Credits					8
Required Cumulative GPA			3.25 on a 4.0 scale (no rounding)	3.25 on a 4.0 scale (no rounding)	3.40 on a 4.0 scale (no rounding)

Note: Standard Diploma requirements subject to change pending State Board of Education approval. ^Δ Algebra 1; Geometry; Algebra 2 (or their equivalents); plus 1 or more math classes beyond Algebra 2

[†] Two credits must be in Biology, Chemistry, or Physics

* Two credits in the same world language

** Flex credit must be one full credit of the same course of any one of the following: Level II or above CTE course in one program of study provided the prerequisite course was passed, a 4th year of mathematics Algebra 2 or higher, a 3rd year of science or a 4th year of social studies

+ This diploma also requires additional coursework and either a college or career endorsement to earn the diploma (see page 3).

[^] Student must have taken the NAA assessment to be eligible for the alternative diploma.

NEVADA ASSESSMENTS REQUIRED FOR GRADUATION

Students must participate in the Nevada high school assessments prescribed by law as a diploma requirement for their respective graduating class. High performance on the college and career readiness and/or civics assessments may be used toward meeting requirements for the state seals awarded with a diploma.

To graduate from a Nevada high school with a Standard, Advanced, College and Career Ready, Honors or Honors/College and Career Ready diploma, students must participate in a College and Career Readiness assessment selected by the Nevada State Board of Education pursuant to Nevada Revised Statutes 390.600 and 390.610. Students will take this assessment during their junior/11th grade year.

Pursuant to Nevada Revised Statutes 390.600, to graduate from a Nevada high school with an Alternative diploma a student must participate in the Nevada Alternate assessment during their junior/11th grade year.

All students must participate in a civics examination pursuant to Nevada Revised Statute 389.009. Most students will take the required civics examination as part of the Government or Economics course.

TYPES OF DIPLOMAS OFFERED TO WCSD STUDENTS

WCSD Standard Diploma: This student will have completed a minimum of 23 credits with all requirements met and will have taken the College and Career Readiness assessment and the civics examination prescribed by the State as a diploma requirement for their respective graduating class.

Advanced Diploma: This student will have completed a minimum of 24 credits, including all requirements for a standard diploma plus one additional credit of science (total 3 credits) and one additional credit of math (total 4 credits and must include Algebra 2) with a minimum of 3.25 cumulative GPA, weighted or unweighted (no rounding) including all credits applicable toward graduation, and will have taken the College and Career Readiness assessment and the civics examination prescribed by the State as a diploma requirement for their respective graduating class.

College & Career Ready Diploma: This student will have completed a minimum of 24 credits for an Advanced Diploma and demonstrated the following:

1. Proficiency in speaking not less than 2 languages or have earned not less than two credits in one or more of the areas below:
 - a. Advanced Placement courses; or
 - b. International Baccalaureate courses; or
 - c. Dual credit courses; or
 - d. Career and Technical Education courses; or
 - e. Work-based Learning or Internship courses; or
 - f. World Language courses
2. Taken the College and Career Ready assessment as prescribed by the State as a diploma requirement for their respective graduating class and earned one or both endorsements:
 - a. College Ready Endorsement – This endorsement will be awarded to graduates who successfully complete the college readiness assessment prescribed by the Board of Regents of the University of Nevada and receive not less than the minimum scores for initial placement into college-level English and mathematics courses prescribed by the Board of Regents of the University of Nevada.
 - b. Career Ready Endorsement – This endorsement will be awarded to graduates who successfully complete a career readiness assessment, complete a CTE program of study and the Nevada Skills Certificate or obtain an industry recognized credential.
3. Taken the civics examination prescribed by the State as a diploma requirement for their respective graduating class.

WCSD Honors Diploma: This student will have:

1. Completed a minimum of 24 credits (20 required and 4 elective) including at least eight (8) qualified honors or AP/IB level classes, Algebra 2, at least two credits earned in high school in biology, physics and/or chemistry and two (2) credits in the same world language.

2. Earned a minimum 3.40 cumulative GPA, weighted (no rounding), with no course failures during the last two years, unless the course is repeated to remove the "F" from the transcript.
3. Taken the College and Career Readiness assessment and the civics examination prescribed by the State as a diploma requirement for their respective graduating class.

This diploma is designed to reward students who take and succeed in the most challenging academic program that the high school has to offer. NOTE: Students who earn an Honors Diploma automatically qualify for an Advanced Diploma.

WCSD Honors/College & Career Ready Diploma: This student will have:

1. Completed a minimum of 24 credits (20 required and 4 elective) including at least eight (8) qualified honors or AP/IB level classes, Algebra 2, at least two credits earned in high school in biology, physics and/or chemistry and two (2) credits in the same world language.
2. Earned a minimum 3.40 cumulative GPA, weighted (no rounding), with no course failures during the last two years, unless the course is repeated to remove the "F" from the transcript.
3. Taken the College and Career Ready assessment as prescribed by the State as a diploma requirement for their respective graduating class and earned one or both endorsements:
 - a. College Ready Endorsement – This endorsement will be awarded to graduates who successfully complete the college readiness assessment prescribed by the Board of Regents of the University of Nevada and receive not less than the minimum scores for initial placement into college-level English and mathematics courses prescribed by the Board of Regents of the University of Nevada.
 - b. Career Ready Endorsement – This endorsement will be awarded to graduates who successfully complete a career readiness assessment, complete a CTE program of study and the Nevada Skills Certificate or obtain an industry recognized credential.
4. Taken the civics examination prescribed by the State as a diploma requirement for their respective graduating class.

This diploma is designed to reward students who take and succeed in the most challenging academic program that the high school has to offer. NOTE: Students who earn an Honors/College & Career Ready Diploma automatically qualify for an Advanced Diploma.

Adjusted Diploma: This student must be certified as a Special Education student. The student must have completed a minimum of 22.5 credits but may not have completed all the requirements for a Standard Diploma and/or may not have taken the College and Career Readiness exam and the civics examination prescribed by the State as a diploma requirement for their respective graduating class. The student's IEP will specify the conditions under which they will receive an Adjusted Diploma. A student who accepts an Adjusted Diploma may work toward a Standard Diploma until their 22nd birthday.

WITHDRAWING FROM CLASS

A student withdrawing from a class during the first 11 weeks of the semester will receive no credit. After the 11th week a student withdrawing from a class shall receive a grade of "F" and no credit. The withdraw deadline dates for the 24-25 school year are November 1 and April 4. (Incline High School: November 4 and April 25 / TMCC High School: October 24 and April 4)

REPEATING A CLASS

A student may repeat a course provided they receive permission from the high school administration or an identified designee. A student shall not receive additional credit for the repeated course or a "content equivalent" course. The higher grade shall be recorded on the permanent record and the lower grade replaced with the notation "RP" (repeated)

If a student earns an "F" in a course, any course which meets the same requirement for graduation may be taken to meet that requirement. The "F" remains on the permanent record unless the repeated course is the same course as the one in which the student received an "F" grade. To replace an "F," the "same course" may include a modified title such as "OLE," or "Correspondence," etc. A regular course may not be used to repeat an Honors or Advanced Placement course to raise a grade when both courses can be taken for credit.

COLLEGE OPPORTUNITIES FOR HIGH SCHOOL STUDENTS

The following paragraphs will briefly describe some of the opportunities which are available to students through which they can get a head start on college by earning placement in, waiver of, and/or credit for college courses while still in high school. It is important for students to check with their intended post-secondary institution and, if applicable, the NCAA, to determine if that school/program will accept the courses.

Advanced Placement

Advanced Placement (AP) is one of many programs sponsored by the College Board. AP classes are college-level courses offered to high school students at their high school by their own high school teachers. In May of each year, students in AP classes take a three-hour comprehensive exam that is written and scored by the College Board. The exams are scored on a scale of 1 to 5. An exam score of 3 is generally considered "qualifying" and many colleges will give college credit for the course to students who earn 3, 4, or 5 on the exam. Some colleges only give credit for a 4 or 5 score; some waive a college requirement but do not award credit; some allow students with high exam scores to be eligible to take the college's own placement exams and thus earn credit or waivers. Because each college has its own AP policy, it is important for students to contact the admissions office at their post-secondary institution of choice to determine what type of credit/waiver will be available. To check a college's AP policy, go to

<https://apstudent.collegeboard.org/creditandplacement/search-credit-policies>

WCSD course titles which include the notation "AP" or Advanced Placement are year-long courses and all requirements must be met before the "AP" designation is awarded. Students register for AP courses during regular high school pre-registration each spring. Exams are given on a predetermined schedule in May of each year at an approximate cost of \$97 per exam. Students do not have to be enrolled in an AP course to take an AP Exam, but students in WCSD who are enrolled in a course with "AP" in the title are **required to take the exam in that course per Administrative Regulation 6501**. Exam results are available to students and colleges in July following the exam.

CTE College Credit

CTE College Credit is free college credit that can be earned by completing a Career & Technical Education (CTE) program of study (2 - or 3-year program). Most CTE programs of study are aligned with college courses, offering the opportunity to earn between 3 and 18 college credits.

Registration: Students can register for CTE courses through their high school counselor. CTE programs of study are offered at every high school in WCSD and are taught on the high school campus.

Participation Requirements: Any student may participate in a CTE program of study at the entry level (Level 1). Continuation to the intermediate (Level 2), and advanced (Level 3)/or complimentary course (CC) classes require completing all prior levels. CTE programs of study can be 2- or 3-year programs of study.

Fees/Costs: CTE College Credits are FREE to students. They do not require any additional time or work beyond that of the high school course. To determine how many college credits are available for a specific program of study, please check the individual college websites:

Truckee Meadows Community College: <http://www.tmcc.edu/cte-college-credit/>

Western Nevada College: <https://www.wnc.edu/cte-college-credit/>

Great Basin College: <http://gbcnv.edu/cte/>

College of Southern Nevada: <https://www.csn.edu/cte>

Earning College Credit: To earn CTE College Credit, a student must:

1. Be enrolled in a CTE program of study through the completion year (2 - or 3-years)
2. Earn a B average in the CTE program of study courses (4 or 6 semesters)
3. Achieve a passing score on two assessments: Technical Skills and Employability Skills

When students successfully complete the CTE program of study requirements (above), CTE College Credit may be awarded. Once accepted, these credits are added to the student's transcript through the Nevada community college from which the student chooses to accept the credit and can be transferred to other 2- and 4-year postsecondary institutions. Not all colleges accept courses earned through the CTE College Credit program. It is important to check with the admissions office at your intended college/university.

FOR MORE INFORMATION: Contact your high school counselor, visit the Nevada Department of Education website at https://doe.nv.gov/CTE/College_Credit/ Career and Technical Education website at <http://www.washoeschools.net/sacte>, or call the Signatures & CTE Department at 775-327-3945.

College Dual Credit

Dual credit is an opportunity for high school students to attend college courses and earn college credits while still in high school. Dual credit college courses are those offered by a community college or university (such as TMCC, WNC, GBC, UNR, College of Southern Nevada, or Sierra Nevada University). In most cases, high school students will attend class on the college campus, in a web-based format or as a hybrid (combination of face-to-face and web-based). In some cases, there may be opportunities for students to participate in a dual credit college course on their high school campus.

Registration: Students can register for dual credit college courses through their high school counselor. To receive credit at both the high school and college, students must complete a specific **Application for Dual Credit** prior to registering for a dual credit class and submit it to the high school. This is in addition to completing and submitting a college admission application as a non-degree student.

Participation Requirements: High school students participating in dual credit courses must meet the required pre-requisites for specific classes, meet the minimum high school GPA, attend an orientation session, as well as other college requirements for participation.

Fees/Costs: Students are responsible for the application, tuition and class fees. In some cases, there may be scholarship funding to offset these costs. *This is not guaranteed.*

Earning College and High School Credit: A dual credit course may be applied for either elective or academic high school credit provided it is on the approved list.

- Academic credit refers to those courses which have been approved to meet core course requirements by the WCSD Board of Trustees and the State Board of Education.
- Elective credit refers to those courses which have been approved to be offered as elective credit by the WCSD Board of Trustees and the State Board of Education.

High School Credit for College Courses: A 3, 4, or 5 credit, one-semester college course that is successfully completed by the student will be counted as one (1) high school credit. Grades earned in college courses become part of the student's GPA at both institutions.

Important Note: Not all colleges accept courses taken through dual credit programs. It is important to check with the admissions office at your intended college/university.

FOR MORE INFORMATION: Contact your high school counselor.



SECTION II: GALENA HIGH SCHOOL ACADEMIC POLICIES AND PROCEDURES

SCHEDULE CHANGES

Please note that courses you select in the spring for the following school year should receive careful consideration as the entire master schedule for the school year is based on pre-enrollment numbers for each course. Changes to course selections or to classes assigned during scheduling should be limited to the following reasons:

- ☐ The student has been placed into the wrong level of a course.
- ☐ The student has already received credit in the course for which enrolled.
- ☐ The student must drop an elective course in order to take one required for graduation or in order to re-take a required course, which was not successfully completed.
- ☐ The student has an incomplete schedule or an over-filled schedule.
- ☐ A student **must attempt an AP course** for which they enrolled.

In many cases, requested changes will not be possible because of enrollment numbers. Students should also know changing one class may require a change of other classes as well.

REQUESTS FOR TEACHER CHANGES

A change of teacher requires that:

A meeting be set up, through the counseling office, to include the student, the parent(s)/guardian(s), the teacher, the counselor, and an Administrator (when possible). The purpose of the meeting will be to discuss why the student feels he/she cannot be successful and develop interventions so the student can be successful.

A change will be made only if the student is shown to be working up to his/her reasonable potential, intervention strategies have been implemented and those at a follow up meeting agree that a change would be in the best interest of the student.

A change of teacher often requires a change of schedule. Students must, therefore, be willing to undergo such a change if necessary. Another teacher's class will **NOT** be increased beyond the established maximum capacity in order to accommodate a change.



VALEDICTORIAN/SALUTATORIAN/TOP 10/CLASS RANK

Valedictorian, Salutarian, Top 10, and overall class rank will be determined using weighted cumulative GPAs through seven semesters. The following formula will be used for calculating weighted GPAs: The unweighted overall GPA will be figured using a 4.0 grading scale; minuses dropped. Then for each semester of an honors course that a student passes, .025 will be added to the unweighted overall GPA, and for each semester of an AP course passed, .050 will be added, producing the weighted overall GPA. Designated honors courses and Advanced Placement courses recognized for the honors diploma program will be utilized in this weighting formula.

Any student(s) graduating, who will be earning a WCSD Honors Diploma, and who has earned the highest cumulative GPA, and who has attended Galena High School for not less than two years (to include the senior year), will be selected as the Valedictorian(s). Any student(s) graduating (under the same conditions as above) with the second highest cumulative GPA (calculated in the same manner as above) will be selected as the Salutarian(s).

Overall class rank and the "Top 10" students will also be based on the above formula.

SCHOLARSHIPS

Every year the Galena Boosters raise funds to provide dozens of Galena seniors with scholarships ranging from \$100 to \$1000. The Galena Scholarship Committee is made up of one faculty member from every department in the building as well as two Booster parents (who don't have seniors).

Galena High School will provide all students access to a variety of diverse scholarships on an equitable basis; encompassing all disciplines and talents. All seniors wishing to be considered for a Galena General Scholarship must fill out and complete the Galena General Scholarship application. Incomplete applications will not be considered. The application must be submitted to the scholarship chair by the posted deadline, **LATE APPLICATIONS WILL NOT BE ACCEPTED, NO EXCEPTIONS.** Scholarship monies will be awarded to deserving applicants based on their completed application and scoring, not personal feelings. Award considerations are based on financial need, merit, and community service/volunteer work, both inside and outside the building. While the committee promotes a holistic view of applications, the essay, GPA, and overall application will be the main determining factors in the selection process. Not everyone will be awarded a scholarship.

For more information on the Galena General Scholarship Program Guidelines, please refer to the Galena High School College and Career Center website.

ACADEMIC LETTER PROGRAM

The Galena High School Academic Letter Program is designed to award and recognize Galena full-time students who have achieved excellence in academics through the preceding school year. It is also designed to serve as an incentive to encourage students to do well in school and pursue a rigorous curriculum! The letters are given out at the beginning of each student's sophomore, junior, and senior years based on their **weighted** cumulative G.P.A. The following formula will be used for calculating weighted GPAs: The unweighted overall GPA will be figured using a 4.0 grading scale; minuses dropped. Then for each semester of an honors course that a student passes, .025 will be added to the unweighted overall GPA, for each semester of an AP class passed, .050 will be added, producing the weighted overall GPA. The list of designated honors courses and Advanced Placement courses recognized for honors diploma program will be utilized in this weighting formula. Eligibility to receive such awards and recognition is indicated below based on high school semesters:

Sophomore Year (Based on first two semesters)	3.90 GPA or higher
Junior Year (Based on first four semesters)	3.90 GPA or higher
Senior Year (Based on first six semesters)	3.90 GPA or higher
2 nd Sem of Senior Year (Based on first seven semesters)	3.90 GPA or higher

The presentation of letters and awards depends upon the number of times the student has qualified for the Academic Letter Program. The total possible number of times a student can be in the program is four, and is dependent upon how long the student has attended Galena High School and the weighted, cumulative GPA he/she has accumulated, as indicated below:

1st	Award	A 1 st Year Pin and a Certificate
2nd	Award	A 2 nd Year Pin and a Certificate
3rd	Award	A 3 rd Year Pin and a Certificate
4th	Award	A 4 th Year Pin and a Certificate

There will be an awards ceremony each Fall to honor the qualified students and to distribute the letters and awards. A letter of notification will be sent to students (and their parents) who qualify to attend each ceremony. Seniors earning an academic letter by maintaining a 3.90 GPA or higher through seven semesters of course work will receive the award during the Senior Awards Night in the Spring semester.

CONTACTING TEACHERS

Teachers are available during preparation periods, before and after school for phone or in-person conferences with parents and/or students. Teachers are the best source of information about student work in a particular class, teacher's full name and e-mail addresses can be found on our web page, www.washoeschools.net/galena.

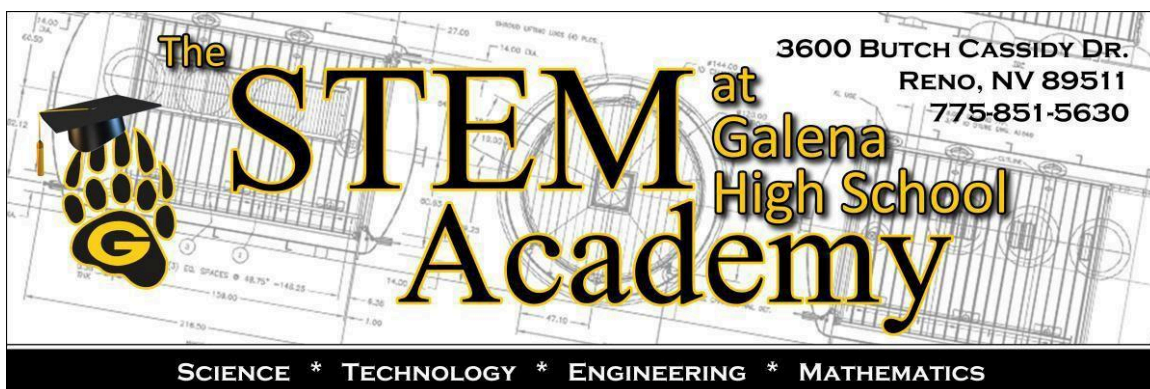
INFINITE CAMPUS

For student grades and information about specific classes please visit the **Infinite Campus** through the parent portal, the link may be found on the Galena High web site www.washoeschools.net/galena.

CURRICULUM MAPS

For information about the curriculum taught in specific classes and the timeline for curriculum, please visit the departmental curriculum maps found on the Galena High web site. www.washoeschools.net/galena.

Galena STEM Academy



OVERVIEW

The STEM Academy at Galena High School encompasses fields of study in science, technology, engineering, and mathematics. Students are enrolled in a 4-year course sequence that follows a nationally-recognized curriculum¹, providing them with challenging activity-, project-, problem-based learning with meaningful assessments.

The sequence includes **two foundation courses**:

- Engineering Foundations I (9th Grade)
- Engineering Foundations II (10th Grade)

Followed by a **core specialization** course the third year. Specialization areas include:

- Aerospace Engineering
- Environmental Sustainability

The sequence ends with a **capstone course – Engineer Design and Development** - whereby students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process.

CURRICULUM

Project Lead The Way (PLTW) is the leading provider of rigorous and innovative Science, Technology, Engineering, and Mathematics (STEM) education curricular programs used in middle and high schools across the U.S. STEM education is at the heart of today's high-tech, high-skill global economy.

PLTW's **"Pathway To Engineering"** engages students, exposing them to areas of study that they may not otherwise pursue, and will provide them with a foundation and proven path to post-secondary training and career success in STEM-related fields. Because the STEM Academy's course of study closely follows an Honors Diploma track, students who

¹ Project Lead The Way, <http://www.pltw.org>, Pathway To Engineering

complete the program also have the opportunity to earn accelerated admission for college programs. In addition, partnerships between the school and industry will provide students with internships and other opportunities for experience.

HIGHLIGHTS

- Preparing Students for the Global Economy
- Using Hands-on, Project-based Engineering Courses
- Aligned with National Standards in Math and Science
- A Proven Path to College and Career Success

CAREER AND COLLEGE READY

STEM Academy graduates have job specific, technical skills that lead to employment or acceptance in post-secondary institutions. Along with internships and business partnerships, each program of study in the STEM Academy prepares students for good jobs for the future².

CTE College Credit *(Formerly College Tech Prep)*

CTE College Credit is offered through some Career & Technical Education (CTE) courses. Students earn college credits through successful completion of the CTE program of study, which is taught by the high school teacher on the high school campus. Provides students with clear educational pathways, academic training, technical expertise, and the social skills needed to successfully identify and pursue highly-skilled, high-wage careers. College credit is earned at the same time students are earning high school credit. Once earned, these credits are added to a transcript through the Nevada community college system and can be transferred to other 2- and 4-year postsecondary institutions. **Note:** Refer to PLTW Website for criteria for college credit.

SkillsUSA

Students in the STEM Academy will have the opportunity to participate in [SkillsUSA](#), a nationally recognized organization that provides quality educational experiences for students in leadership, teamwork, citizenship, and character development. It builds and reinforces self-confidence, work attitudes and communication skills.

² U.S. Department of Commerce, July 2011, *STEM: Good Jobs Now and for the Future*.

GALENA HIGH SCHOOL STEM ACADEMY

COURSE OF STUDY

(Aerospace Engineering or Environmental Sustainability specialization 3rd year)

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	PLTW ENGINEERING	*REQUIREMENTS (2 years World Language minimum)	*ELECTIVES
9	Honors English 1-2 or English 1-2	Freshman Math	Biology 1-2 Or Chemistry	PE/Health*	Engineering Foundations I	World Language	Electives/ Core Classes/ Enrichment Classes
10	Honors English 3-4 or English 3-4	Sophomore Math	Chemistry 1-2 or Upper-Level Science	AP European Hist. or AP Human Geog. or World History	Engineering Foundations II	World Language/PE	Electives/ Core Classes/ Enrichment Classes
11	AP English 5-6 or English 5-6	Junior Math	Upper-Level Honors Science	AP US History or US History	Aerospace or Environmental Sustainability	World Language/PE	Electives/ Core Classes/ Enrichment Classes
12	AP English 7-8 or English 7-8	Senior Math	Upper-Level Honors Science	AP Government Or American Government	Engineering Design and Development (EDD)	World Language/PE	Electives/ Core Classes/ Enrichment Classes

STEM Course of Study Requirements:

- **Pass all PLTW Courses. Automatically dropped from the STEM Program if you fail a PLTW course.**
- **Four (4) credits of Math**
- **Four (4) credits of Science**
- **Honors Diploma:**
 - o **24 Credits, 3.4 Weighted GPA,**
 - o **8 Honors Level Courses,**
 - o **2 Years Same World Language**

Upper Level Science classes:

Microbiology
Physics

AP Physics C
ENV 101

Anatomy/Physiology
AP Biology

Dual Credit Chemistry

* See Counselor for specifics regarding REQUIREMENTS and ELECTIVES columns

Elective Courses for 9th graders

INFORMATION & MEDIA TECHNOLOGY COURSES

Computer Science & Applications

Course #: 8344

Semester

Credit: 0.50

Pre-requisite: None

Fee: \$10.00 per Semester

This course is an introduction to computer science and application intended to "prepare young learners to become computational thinkers who understand how today's digital tools can help solve tomorrow's problems". (ISTE. 2018). CS & A will include at least 50% computer science principles and computational thinking. The balance of the course will integrate skills in digital and media literacy and digital citizenship.

AP Computer Science Principles

Course #: 8389, 8390

Full year

Credit: 1

Pre-requisite: Student signature and/or Teacher signature to indicate student has picked up Class Information Packet

Fee: AP Exam Fee (about \$95.00) Exam required.

Note: Semester 1 earns elective credit and Semester 2 earns computer literacy credit. Students must take the entire year to satisfy the requirement.

This course follows The College Board Advanced Placement curriculum and prepares students for the AP Computer Science Principles exam. This course will introduce students to the essential ideas of computer science and show how computing and technology can influence the world. This course focuses on technology and programming as a means to solve computational problems and find creative solutions. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life. The appropriate use of technology and industry-standard equipment is an integral part of this course.

FAMILY AND CONSUMER SCIENCE COURSES

Culinary Arts I

Course #34601-34602

Full Year

Credit: 1

Fee: \$60.00 per Year

This course provides students with an introduction to the principles and techniques of commercial food production and the exploration of career and technical student organizations. The classroom is patterned after industry with emphasis on food related careers. Students acquire basic skills in food handling, food and nutritional science, equipment technology, cooking methods, kitchen safety, sanitation procedures, and employability skills. The appropriate use of technology and industry standard equipment is an integral part of this course.

SKILLED & TECHNICAL SCIENCE COURSES

Metalworking I

Course #: 38401, 38402

Full Year

Credit: 1

Pre-requisite: None

Fee: \$40.00 per Year and Project/Materials Costs

This course introduces students to a general overview of metalworking processes. Students will gain an understanding of equipment, tools, safety procedures, machine operation, metal-fabricating methods, industrial applications, and problem solving. Students will be introduced to career opportunities and necessary job skills.

STEM ACADEMY COURSES

PLTW-Engineering Foundations I

Course #: 37701, 37702

Full Year

Credit: 1

Pre-requisite: Selected enrollment: Students in the STEM Academy.

Fee: \$40.00 per Year

This course is the entry-level course of the Project Lead the Way™ Pathway to Engineering curriculum. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

ENDORSEMENT: This course is included in a program of study that leads to a Career & Technical Education diploma endorsement.

MILITARY SCIENCE COURSES

HIGH SCHOOL ROTC LEADERSHIP EDUCATION AND TRAINING (LET) is a one to four year Character and Leadership Development Program available to all students.

Fee: A \$25.00 lab fee is collected from students at the beginning of each year they are enrolled in JROTC. The fee is for a JROTC Battalion T-Shirt and uniform accessories. Student uniforms, books, and instructional materials will be provided at no cost. **NOTE: Uniform maximum size limitations are: Boys: 44 Pants/50 Jacket; Girls: 20 Slacks/26 Jacket. NOTE: All Fees will be collected during registration or the first day of class.**

The focus of JROTC in the Washoe County School District, Silver State Brigade is reflected in its mission, "To motivate young people to be citizens of character by instilling in them a sense of personal responsibility, accomplishment and the importance of serving their nation and community." JROTC accomplishes this mission by providing exceptional educational opportunities and lifelong skills to America's youth. The Character Education Partnership identifies programs that build character as those with less violence; higher self-esteem; less absenteeism; higher achievement scores and academic performance; more connected to school, engaged in lessons, and committed to success. The curriculum helps Cadets develop life-long leadership and decision making. These skills are exhibited on a daily basis; and, set a model for the student body to emulate. The curriculum supports the school's mission and mandates by integrating technology, linking content to state standards, integrating reading and writing, and providing character and financial education. The

JROTC goals are to promote citizenship, develop leadership and critical/creative thinking, teach to communicate effectively, improve physical fitness, provide incentive to live drug free, strengthen positive self-motivation, provide global awareness to include historical perspective of military service, train to work as a team member, inspire to graduate from high school, and attend institutions of higher learning. JROTC Core Abilities are: Build your capacity for life-long learning; Communicate using verbal, visual and written techniques; Take responsibility for your actions and choices; Do your share as a good citizen in your school, community, country and the world; Treat self and others with respect; and apply critical thinking techniques.

Four semesters of JROTC will give waivers to fulfill the Nevada physical education requirement for graduation. A fifth semester of JROTC will satisfy the health credit requirement; with successful completion of the 6th semester of JROTC, a .5 credit of the Arts and Humanities is fulfilled; upon successful completion of the 7th semester of JROTC, the other .5 credit of the Arts and Humanities is fulfilled, and a student will receive a .5 Honors Credit; and with completion of the 8th semester of JROTC, a Cadet will receive the other .5 Honors Credit.

HSROTC does not recruit for the military; only about ten percent of the nation's JROTC Cadets go on to military service; also, HSROTC does not teach combat training or conduct combat operations; however, we do teach adventure training event such as rappelling and orienteering, and selected students will attend our annual JROTC Cadet Leadership Challenge spring camp.

Required educational materials will be provided. One uniform will be issued, accounted for, and turned in at the end of the school year or when a student leaves the program. The uniform will be worn only occasionally throughout the school year during designated periods, and during our annual JROTC Program Accreditation (JPA) HSROTC Classes listed below must be taken in sequence.

Military Science I	Course #: 33901, 33902
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One year = 1 credit	Level 1
Fee:	\$25.00 per Year

This course introduces students to the fundamentals of Military Science. Areas of emphasis include introduction to JROTC, foundation of leadership, citizenship, wellness, physical fitness, and first aid. Students will also gain experience in specific branch topics related to their program.

ART COURSES

Art 1-2	Course #: 6111, 6112
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One Year = 1 credit	
Fee = \$30 per year	

Art 1 is an introductory class designed to give students a background for both understanding and producing quality visual art. This class follows a rigorous, comprehensive curriculum, as mandated by the Nevada department of education standards for visual arts. Units in drawing on the right side of the brain, elements and principles of design, color theory, painting and multi- media may be explored. In Art 2 technical skills will be refined by working from observation, judging proportion using sighting and referencing. Artwork will incorporate basic composition and perspective. Students will demonstrate the use of the elements and principles of design, study the historical context of art and develop their critiquing skills. Various drawing and painting materials and techniques will be used.

Ceramics 1-2**Course #: 6131, 6132**

One Year = 1 credit

Prerequisite: None

Fee = \$60 per year

This introductory course focuses on the skills and knowledge that students need to create ceramic sculpture and pottery. Students will become familiar with the entire ceramic process from making clay to firing and glazing their work as well as the geology and chemistry of clay and glazes. Several important hand-building techniques will be taught including pinch building, coil building, slab building, and a brief introduction to wheel thrown pottery. Students will also become familiar with the elements and principles of art, as well as the work of some important ceramists and other modern sculptors.

Photo 1-2**Course #: 6121, 6122**

One Year = 1 credit

Fee = \$50 per year

This course covers the basics of black and white 35 mm photography. Students will learn use and function of the camera, how to develop film, print black and white pictures, and principles of 2-d composition. Surveys important photographers, processes, and historical influences of the nineteenth and twentieth centuries. Students should have unlimited access to a Single Lens Reflex camera with adjustable controls and an internal metering system.

This course builds on skills and knowledge gained in Photography 1 and focuses on advanced picture taking techniques. Advanced camera manipulations will be included with complex experimental darkroom procedures. Digital photography/computer use may be incorporated. Using digital images, students will be introduced to computer manipulation of photos and computer graphics. Teaches students to create and manipulate digital photographs. Covers masking, color corrections, and merging of illustrations with photographs. Examines the ethical and property-rights issues which are raised in the manipulation of images.

MUSIC COURSES**Marching Band (Fall)****Course #: 6705****Fall Semester (Repeatable for credit)****Credit: 0.50**

**Fees: \$250.00 (Includes band performance wear, music and all transportation).
Fund-raising opportunities are available throughout the year.**

The Marching Band is open to any student regardless of being enrolled in a bands or music class. Band offers all students a comprehensive music and visual program on the highest level of excellence in modern marching band music, technique, performance, and practice. The responsibilities of the Marching Band may include performing as a pep band at football games, as well as performing for various school, civic performances such as pep rallies, assemblies, and parades. Students must participate in after school rehearsals and performances. The Marching Band may compete in field shows during the fall season. Students in the Marching Band may be required to attend a band camp held in the summer prior to school starting. The Marching Band will rehearse after school and on various Saturdays. Please see syllabus for detailed rehearsal and performance schedule. Students who meet the requirements of marching band will earn a .5 PE Waiver per Marching Band season. Please contact the Band Director for more information via e-mail at

Jason.smith@washoeschools.net.

Note: Students need to furnish their own instrument with the exception of Tuba, Bari Saxophone, French Horn, and Euphonium. This course may be repeated for credit and fulfills the Arts/Humanities graduation requirement if taken for a full year and passed.

Marching /Symphonic Band	Course #: 6705, 6706
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One Year = 1 credit – Marching band in fall, Symphonic band in spring.

Fees: **\$250.00 (Includes band performance wear, music and all transportation).**
Fund-raising opportunities are available throughout the year.

This course is designed to encompass all facets of today's accepted standards of Marching Band and Symphonic Band. It will focus on the development of musical technique, sight-reading, and ensemble performance. There are many co-curricular activities that make up a band program. Students may be required to attend practices and performances outside of the regular school day in order to receive credit for the class. Performances may take place throughout the entire school year. Students in the Marching Band may be required to attend a band camp held in the summer prior to school starting. Students earning credit in the course may also earn a .5 credit PE waiver during the fall semester.

Marching/Wind Ensemble	Course #: 6691, 6692
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One Year = 1 credit – Marching band in fall, Wind Ensemble in spring.

Fees: **\$250.00 (Includes band performance wear, music and all transportation).**
Fund-raising opportunities are available throughout the year.

This course is designed to encompass all facets of today's accepted standards of Marching Band and Wind Ensemble. It will focus on the development of musical technique, sight-reading, and ensemble performance. Many co-curricular activities make up a band program. The responsibilities of the Marching Band may include performing as a pep band at football games, as well as performing for various school and civic performances such as pep rallies, assemblies, and parades. Students may be required to attend all practices and performances outside of the regular school day to receive credit for the class. Performances will take place throughout the entire school year. Students in the Marching Band must attend a band camp held in the summer prior to school starting. This is an intermediate to advanced level band class and students may be required to audition in order to be placed in Wind Ensemble. Students earning credit in the course may also earn a .5 credit PE waiver during the fall semester.

Color Guard	Course #: 6751, 6752
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This class will provide color guard students with a comprehensive study of all aspects of color guard technique and performance. Studies will include dance, flag, and other appropriate equipment technique. There may be required after school rehearsals and performances throughout the school year. All members of the Color Guard are members of the band program and are expected to perform at all Marching Band performances. All members of the Color Guard may be required to participate in Marching Band. Students in the Marching Band may be required to attend a band camp held in the summer prior to school starting. Students earning credit in the course may also earn a .5 credit PE waiver during the fall semester.

Ukulele 1	Course #: 6724
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One Semester = 0.5 credit, Fall semester

This course is designed for students who want to learn to play ukulele. Students will receive guidance and direction in solving problems related to playing the ukulele. Areas of concentration include instrument anatomy, history of the instrument, correct posture, note-reading, aural skills, rhythmic patterns and notation, basic chord study, strumming patterns, reading tablature and musical forms.

Ukulele 2

Course #: 6725

One Semester = 0.5 credit, spring semester

Prerequisite – Ukulele 1

This course is designed for students who have basic skills in playing the ukulele and wish to progress to an intermediate level of skill. Areas of concentration include review of basic playing techniques, advanced strumming patterns, advanced rhythmic notation and mixed meters, basic song-writing and chord functions, advanced aural skills, musical literature for the instrument, and small and large ensemble playing experiences.

Concert Choir

Course #: 6801, 6802

Full Year

Credit: 1

Pre-requisite: Previous choral experience recommended, but not necessary. Students should be able to match pitch.

Fee: \$50.00 per year

Concert Choir is a course open to all students interested in vocal performance. This course involves the study of and participation in vocal performance, training in proper vocal technique, and refinement of musicianship skills such as sight-reading, ear training, musical interpretation and expression. Students are required to participate in co-curricular rehearsals and performances beyond the school day to receive class credit. Class performances will include but are not limited to Fall, Winter, Zone, Spring, and Festival. This class may qualify for Honors credit. See the instructor for Honors requirements.

Note: This course may be repeated for credit and fulfills the Arts/Humanities graduation requirement if taken for a full year and passed.

Advanced Choir

Course #6803, 6804

Full Year

Credit: 1

Pre-requisite: Audition and acceptance for choir is required.

Fee: \$50.00 per year

This course is open to all advanced choir students interested in continuing the development of singing skills, multi-part singing, sight reading, and other musicianship skills. With this training, students will be eligible to audition for Treble Choir or another advanced choir, as well as for Washoe County School District Honor Choir and Nevada All-State Choir. Students are required to participate in co-curricular rehearsals and performances beyond the school day to receive class credit. Class performances will include but are not limited to Fall, Winter, Zone, Spring, and Festival. This class may qualify for Honors credit. See the instructor for Honors requirements.

Concert Orchestra

Course #: 6641, 6642

Full Year

Credit: 1

Prerequisite: Middle School Advanced Orchestra or instructor approval

Fee: \$25.00 per year

Concert Orchestra offers progressing level instruction for students on violin, viola, cello, and double bass. Students will solidify their understanding of the elements of music through performance and identifying relationships between music, other disciplines, and daily life. Emphasis will be placed on expanding technique through musical community. Students will be required to perform in concerts during and/or after school

wearing the ensemble's designated attire. Out of school rehearsals may be required. Other events such as honor ensembles, Solo & Ensemble Festival, and All-State Orchestra may be required per teacher's directive.
Note: Students need to furnish their own instrument. **This course may be repeated for credit and fulfills the Arts/Humanities graduation requirement if taken for a full year and passed.**

Sinfonia Orchestra

Course #: 6645, 6646

Full Year

Credit: 1

Prerequisite: Instructor approval or Concert Orchestra

Fee: **\$25.00 per year**

Sinfonia Orchestra offers advancing level instruction for students on violin, viola, cello, and double bass. Students will extend their understanding of the elements of music through performance and identifying relationships between music, other disciplines, and daily life. Emphasis will be placed on expanding technique through musical community. Students will be required to perform in concerts during and/or after school wearing the ensemble's designated attire. Out of school rehearsals may be required. Other events such as honor ensembles, Solo & Ensemble Festival, and All-State Orchestra may be required per teacher's directive. For an annual rental fee, school instruments are available for students who qualify.

Note: Students need to furnish their own instrument. **This course may be repeated for credit and fulfills the Arts/Humanities graduation requirement if taken for a full year and passed.**

Chamber Orchestra

Course #: 6643, 6644

Full Year

Credit: 1

Pre-requisite: **Audition with and teacher approval required. Acceptance of students is dependent on maintenance of appropriate instrumental balance.**

Fee: **\$25.00 per year**

Chamber Orchestra will focus on increased technical and musical fluency for 10th grade, 11th grade, and 12th grade students on violin, viola, cello, and double bass. Acceptance for advancement to Chamber Orchestra will be based upon application (which includes a performance audition). Students will refine their understanding of the elements of music through performance and identifying relationships between music, other disciplines, and daily life. Emphasis will be placed on refining technique through musical community. Students will be required to perform in concerts during and/or after school wearing the ensemble's designated attire. Out of school rehearsals may be required. Other events such as honor ensembles, Solo & Ensemble Festival, and All-State Orchestra may be required per teacher's directive. For an annual rental fee, school instruments are available for students who qualify.

Note: Students need to furnish their own instrument. **This course may be repeated for credit and fulfills the Arts/Humanities graduation requirement if taken for a full year and passed.**

Theater 1-2

Course #6451, 6452

Full Year

Credit: 1

This course is designed for the beginning theatre student who is interested in learning the fundamentals of theatre arts. Instruction will include theatre etiquette, script analysis and critical response, improvisation, pantomime & movement, voice, interpretation, scene work, solo acting, and theatrical production. Course work will also include written critical analysis, playwriting, careers in theatre, theatre history, and performance projects. Student participation in co-curricular performances is required for successful completion of the course.

Percussion Ensemble**Course #6713, 6714****Full Year****Credit: 1****Fee \$30**

This course is designed for students who wish to develop individual and group skills in the performance and study of percussion instruments. Students are expected to participate in performances outside of school time. Both marching and concert percussion idioms will be addressed in this course.

Music Appreciation**Course #6599, 6600****Full Year****Credit: 1**

This course offers an exciting survey of the traditions of music from the Middle Ages to the present, from Medieval music to Twenty-first Century Pop. Study topics will include how music relates to social, economic, cultural, and political developments of each era in the development of music. The class will show how major events in music affected our society and how major events in society shaped music, as we know it. Other aspects of music to be studied will cover: the art of listening, the fundamental elements of music, world music, musical instruments, and the future of music.

WORLD LANGUAGES COURSES

All WUSD World Language courses are performance-based in three modes of communication: interpretive, interpersonal, and presentational. Learners accomplish real-world communicative tasks in culturally appropriate ways as they gain familiarity with products, practices, perspectives, and interactions of and within the target culture(s)

Spanish 1-2**Course #: 4611, 4612****Full Year****Credit: 1****Pre-requisite: None****Note: A Spanish/English dictionary is required.**

This course is an introductory level to world language learning. An eclectic approach to language teaching will be used and will include the Core Practices of Language Learning: 90% target language instruction, true interpersonal activities, interpretive tasks using authentic resources, teaching grammar in context, using a backwards design planning model, and providing meaningful and effective feedback. As suggested within the Nevada Academic Content Standards for World Languages Framework, this course integrates the three modes of communication for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their literacy skills as well as their global cultural awareness. All world languages are performance based and align with the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency scale (Novice-Low to Novice-Mid Range).

Spanish 3-4**Course #: 4613, 4614****Full Year****Credit: 1****Pre-requisite: Spanish 1-2 or Successful completion of middle school Spanish****Note: A Spanish/English dictionary is required.**

This course is a continuation of world language level 1-2. An eclectic approach to language teaching will be used and will include the Core Practices of Language Learning: 90% target language instruction, true interpersonal activities, interpretive tasks using authentic resources, teaching grammar in context, using a backwards design planning model, and providing meaningful and effective feedback. As suggested within the Nevada Academic Content Standards for World Languages Framework, this course integrates the three modes of communication for world language education: Interpretive Listening and Reading, Interpersonal Communication, and Presentational Speaking and Writing. Students will be engaged in activities that stimulate communication, promote critical thinking, and enhance their literacy skills as well

as their global cultural awareness. All world languages are performance based and align with the ACTFL (American Council on the Teaching of Foreign Languages) Proficiency scale (Novice-High to Intermediate-Low Range).

Spanish Literacy 3-4 (Spanish for Spanish Speakers 3-4) Course #: 4653, 4654

Full Year Each

Credit: 1

Pre-requisite:

Note: A Spanish/English dictionary is required.

The purpose of this course is to enable students whose heritage language is Spanish to become bilingual; develop, maintain, and enhance proficiency in their heritage language. The emphasis of this class will be on grammar, speaking, listening, reading and writing. This class will provide students detailed grammar explanation and practical exercises as well as new vocabulary that will teach them standard Spanish and make them aware of certain dialects and other variations from standard Spanish. In addition, this class will improve students' ability to express themselves in written Spanish by reviewing and practicing verb forms and tense usage. Spanish for Spanish Speakers 3-4 qualifies for World Language Credit.

ELECTIVE COURSES

Yearbook	Course #: 1403, 1404
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Full Year

Credit: 1

Fee: \$20.00 Lab Materials

This course is designed for the student interested in developing skills and knowledge utilized in the planning, organization, and production of the school yearbook. It provides instruction in journalistic photography, story writing, headline and caption writing, layout design, budgeting and sales, and use of computerized production programs. **Students will be required to spend significant time working outside of regular class hours.**

Student Leadership (Student Government)	Course #: 7201, 7202
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Full Year or Semester

Credit: 0.50 per Sem

Pre-requisite: Formal application and Teacher Approval. Student should be planning to serve in some elected student government/student council/class officer position during the school year.

This course is designed to develop leadership skills and ability in students serving (or planning to serve) in some elected or appointed student government/student council/class officer position during the school year. This class helps students to plan and implement school activities; to develop and administer student organizational budgets; to develop and use leadership skills; and to develop and use sound decision-making, problem solving, and planning skills. Student body officers must enroll in this course and class officers are strongly encouraged to enroll.

Speech and Debate	Course #: 6411, 6412
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Full Year

Credit: 1

Fee: \$75 lab fee per year covers local and national league memberships. Students must also pay the district transportation fee (for bus travel).

This course will provide students with basic knowledge of academic debate and competitive speaking. The course will include instruction in ten types of formal speeches, three categories of debate, and Student Congress. Students will review and analyze famous speeches of the past, as well as write and analyze speeches of today. Students will evaluate modern speakers and will study current events. Participation in speech and debate tournaments, outside of school hours, is required. Students will develop a knowledge of debate theory and competitive speaking, and will participate in interscholastic competition. Students will learn logical structure, reasoning, and analysis of argumentation. **Note:** Art/Humanities or Elective Credit

Academic Success**Course #: 7121, 7122****Semester****Credit: 0.50 per Sem****Pre-requisite:****Mandatory for freshman, sophomores, and juniors, optional for seniors.**

Academic Success is a course that provides freshmen through seniors with Social, Emotional, Learning (SEL) lessons, and opportunities for academic enrichment, test taking skills, note-taking skills, improve organizational skills, and communication skills. Teachers' mentor and track student progress during the course of the semester. In addition, students have class time to work on assignments from other courses.

Core Classes for 9th graders**English 1 - 2****Course #: 1201, 1202****Full Year****Credit: 1**

This one-year course will provide the fundamentals of communication skills – reading, writing, speaking, and listening-- using the Nevada Academic Content Standards (NVACS) to guide and focus instruction. Through the reading of a variety of high-quality contemporary works, classical literature, and literary nonfiction, students will continue to develop the reading comprehension skills and reading strategies required to be highly literate individuals. Students will engage in both short and long-term writing assignments in three main genres--argument, informative/explanatory, and narrative--as well as use writing to comprehend text. Language instruction will focus on the balance between rules and manipulating language for the purpose of craft. Research and technology will be embedded throughout the course. The course will be taught using a variety of teaching techniques from direct instruction to small group work with a focus on meaningful student discussion.

English 1 – 2 (Honors)**Course #: 1203, 1204****Full Year****Credit: 1 (Honors)**

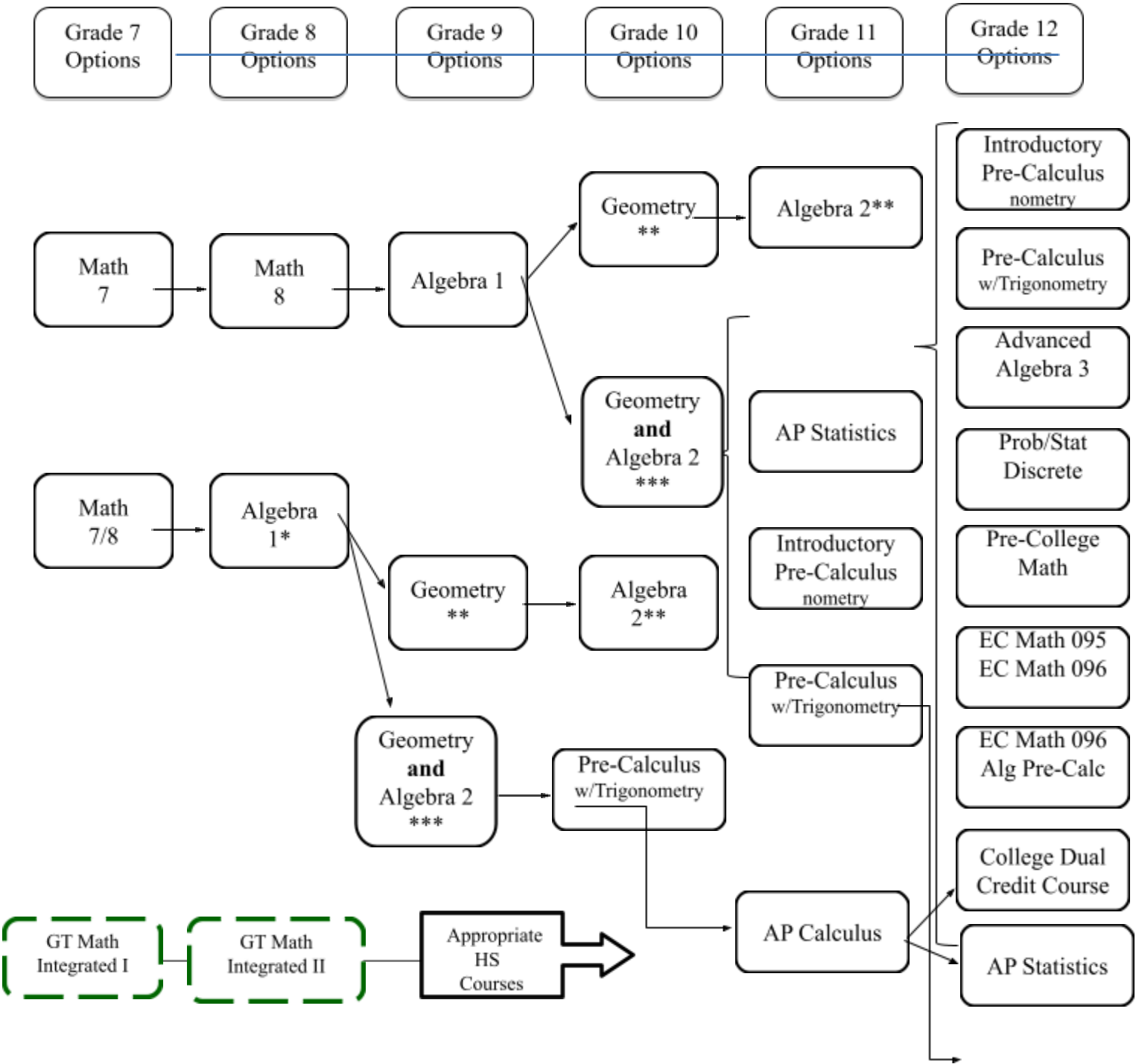
Prerequisite: Admission into English 1-2 (H) will be based on the student's previous performance in both reading and writing. Teacher recommendation, current reading level, writing samples, and standardized test scores may be considered; however, a student's motivation and desire to participate in upper-level English courses should be the primary consideration.

This one-year course, designed for the highly motivated student, has strong compositional and critical thinking demands. The course will focus on reading for greater comprehension and pleasure, writing clearly and concisely for different purposes, refining grammar and fluency skills, and developing formal vocabulary. Basic skills in grammar and composition are assumed. Emphasis will also be placed on demonstrating presentation,

research, and problem-solving skills through unit projects. Literature will include short text from a variety of sources as well as novels. The class stresses the writing process: writing for different purposes and audiences; grammar and sentence structure as tools for individual writing skills development; language usage; literary terms and genres; library research; vocabulary improvement; encouragement of creativity; and the development of critical thinking. Students are expected to demonstrate an above average maturity level, demonstrate a positive attitude toward education and work tasks, and be cooperative in group learning situations.

MATHEMATICS COURSE SEQUENCE

This indicates the most common pathways and is not exhaustive



* High School credit is not awarded for high school level courses taken prior to 9th grade. Middle School students must earn a qualifying grade in Algebra 1 to progress on to the next course in sequence.

** Students choose from two class options to fulfill this requirement – Geometry or Formal Geometry (H) and Algebra 2 or Honors Algebra 2 (H)

***Students can concurrently enroll in Formal Geometry and Honors Algebra 2 for acceleration.

All students must earn credits in Algebra 1, Geometry and Algebra 2 before enrolling in any of the senior level courses. Some senior level courses have other pre-requisites (see the Course Descriptions).

AP Calculus

Algebra 1

Course # 2201, 2202

Full Year:

Credit: 1

This is a one-year course designed to teach the fundamentals of elementary algebra. This course lays the foundation of knowledge and skills to meet the Nevada Academic Content Standards in Mathematics (NVACS) for high school students. A strong foundation in algebra is needed for subsequent mathematics courses. The NVACS studied include all 5 Domains: Relationships between Quantities and Reasoning with Equations, Linear and Exponential Relationships, Descriptive Statistics, Expressions and Equations and Quadratic Functions and Modeling. Throughout the year, students will be expected to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations and exhibit increased confidence in their ability to solve mathematical problems.

Geometry

Course # 2211, 2212

Full Year:

Credit: 1

Pre-requisite: Successful completion of all semesters of Algebra 1 (or all semesters of the 2-year course).

This is a one-year course that will cover the following topics through emphasis on basic geometric proofs, axioms, postulates and theorems, plane geometric figures, right triangles with trigonometry, constructions, congruence and similarity, circles, coordinate and transformational geometry, inductive and deductive reasoning, three-dimensional geometry, and probability. Emphasis is on the development of deductive reasoning skills. Students will also review algebraic techniques, work on realistic problems, and use technology when possible.

Scientific calculators are recommended.

Formal Geometry Honors

Course #: 2215, 2216

Full Year

Credit: 1 /Honors

Pre-requisite: Successful completion of all semesters of Algebra 1. Admission into Formal Geometry will be based on the student's previous performance in addition to teacher recommendation, student's desire to learn and work ethic.

This is a one-year course that will cover the following topics through emphasis on basic geometric proofs, axioms, postulates and theorems, plane geometric figures, right triangles with trigonometry (Law of Sine and Cosine), constructions, congruence and similarity, circles, coordinate and transformational geometry, inductive and deductive reasoning, three-dimensional geometry, and probability. Emphasis is on the development of deductive reasoning skills. Students will also review algebraic techniques, and work on realistic problems. An ability to think abstractly is critical for successful completion of this course.

Algebra 2 Honors**Course #: 2227, 2228****Full Year****Credit: 1 /Honors**

Pre-requisite: Successful completion of all semesters of Algebra 1 and Formal Geometry. Admission into Algebra 2 (H) will be based on the student's previous performance in addition to teacher recommendation, student's desire to learn and work ethic.

This is a one-year course, designed for students with a strong understanding of the concepts learned in Algebra 1 and Geometry. This course will build upon the student's problem solving and algebraic skills in preparation for advanced mathematics courses through a course that addresses the rigor expected of an honors level course. The major topics of study are relations and functions, domain and range of parent functions, systems of nonlinear equations, polynomials and polynomial functions, complex numbers, quadratic equations, rational and radical functions, exponential and logarithmic functions, statistics, and matrices. Throughout the year, students will continue to develop the ability to reason and communicate mathematically, apply learned concepts to new problem-solving situations, and exhibit increased confidence in their ability to solve mathematical problems. **Students may enroll in Algebra 2 Honors and Formal Geometry concurrently if their course history supports this decision. Graphing calculators are recommended.**

Science Department**Biology 1-2****Course #: 3141, 3142****Full Year****Credit: 1****Pre-requisite:** None**Lab Fee:** \$5.00 per Year

This one-year laboratory science course is intended to develop an understanding of the fundamental concepts of biological science. This course meets the Nevada Academic Content Standards for Science. The course is organized into five main topics: 1) *Interdependent Relationships in Ecosystems*; 2) *Matter and Energy in Organisms and Ecosystems*; 3) *Structure and Function*; 4) *Inheritance and Variation of Traits*; 5) *Natural Selection and Evolution*. The performance expectations for high school life science blend Disciplinary Core Ideas with both Science and Engineering Practices and Crosscutting Concepts to support students in developing an understanding of life science. In this course, students will use basic mathematical computations and read and write critically to analyze biological investigations.

Biology 1-2 (H)**Course #: 3143, 3144****Full Year****Credit: 1/Honors****Pre-requisite:** None**Lab Fee:** \$5.00 per Year

This one-year laboratory science course is intended to build a deeper understanding of the fundamental concepts of biological science. Emphasis is placed on developing critical-thinking skills through greater analysis, more complete explanations, using multiple sources when engaging in argument from evidence, and planning and carrying out advanced laboratory investigations. This course meets the Nevada Academic Content Standards for Science. The course is organized into five main topics: 1) *Interdependent Relationships in Ecosystems*; 2) *Matter and Energy in Organisms and Ecosystems*; 3) *Structure and Function*; 4) *Inheritance and Variation of Traits*; 5) *Natural Selection and Evolution*. The performance expectations for high school life science blend Disciplinary Core Ideas with both Science and Engineering Practices and Crosscutting Concepts to support students in developing an understanding of life science. Students will use advanced mathematical computations, critically read and analyze biological text, and learn from complex biological investigations. To be successful in this rigorous and challenging course, students should be able to work independently on activities and projects as well as read advanced text.

Social Studies Department

World History

Course #: 4101, 4102

Full Year

Credit: 1

Pre-requisite: Typically a sophomore course but open to freshmen as an elective – completing as a freshman will allow students to complete 4 years of social studies and the 4th year can be used as the flex credit needed for graduation.

Fee: \$5 Social Studies Department Fee

This course focuses on World History from approximately the mid-1300s to the modern day. Students will examine important concepts in geography, history, and culture pertaining to regions around the globe. Students will analyze significant events, individuals, developments and processes across the world from the perspective of multiple and varied voices for a vivid and complex picture of history. This course is global in nature, with a multicultural, rather than Eurocentric, approach. Students will engage in historical thinking, robust academic discussions, and informational and argumentative writing. Some of the topics of study will include, but are not limited to, the following: the Middle Ages, the Renaissance and Reformation, global expansion, empires and kingdoms of the world, the Enlightenment and revolutions, the rise of nation states, imperialism, industrialization, WWI, 20th Century revolutions, global depression, WWII, decolonization, the Cold War, globalization, and modern issues.

Physical Education

PHYSICAL EDUCATION/HEALTH COURSES

Please be aware that the PE graduation requirement (or portions thereof) can be waived through participation in the HSROTC Program or the participation in certain extra-curricular activities.

If, due to physical circumstances, you are not able to participate in any form of PE, please see the Registrar regarding the procedure for waiving the PE graduation requirement.

Note: ALL students taking a PE class of any type at Galena High will be required to purchase and wear a uniform. Uniforms will be purchased through the PE Department and cost \$20. Sweatpants available for additional \$25.00.

Health

Course #: 5311

Semester

Credit: 0.50

Pre-requisite: None

This course is a one semester course which covers the following topics: body function; physical and emotional development; drugs, alcohol, and tobacco; disease and disorders; fitness and exercise; nutrition; consumer health, safety, first aid, and emergency care; family health, growth and development; environmental health and related fields; community health; health careers; human sexuality and HIV/AIDS.**Topics related to human sexuality and HIV/AIDS education are provided through the Sexuality, Health and Responsibility Education (S.H.A.R.E.) program - parent permission required.

Power Walking**Course #: 5141, 5142****Full Year or Semester****Credit: 0.50 per Sem****Fee: \$20 uniform fee, \$5 course fee per semester**

This course is designed to introduce the student to walking as a lifetime aerobic activity. Walking will be done throughout the semester with appropriate dress required for both hot and cold temperatures. Students are responsible for walking at a sufficient pace, staying with the class and following school rules/community laws at all times. Note: A variety of walking courses are used throughout the semester, they range from 2 miles to 4.5 miles in a class period. Students and parents will also be required to sign and return a "class rules and liability form" the first week of school.

Basketball Conditioning**Course #: 5203, 5204****Full Year or Semester****Credit: 0.50 per Sem****Fee: \$20 uniform fee, \$5 course fee per semester**

This course is designed for students who want to play the game of basketball to the best of their ability. The class will include in-depth instruction on the fundamental aspects of the game (shooting, dribbling, passing, defense, etc.). It is also designed to teach various team concepts, such as person-to-person defense, zone defense, offensive strategies, historical basketball facts and rules that govern the game.

Fitness and Weight Training**Course #: 5213, 5214****Full Year or Semester****Credit: 0.50 per Sem****Pre-requisite: Sophomore standing or above (or Freshman with summer school PE credit), a willingness to fully participate in rigorous exercise, and Required Uniform****Fee: \$20 uniform fee plus \$10 per semester equipment maintenance fee**

This course is designed to condition both male and female interscholastic athletes who have a desire to condition every day through weight training, aerobics, cardiovascular workouts, and a variety of activities that will enhance each individual's fitness level and also meet personal and team training goals. The course is designed to increase the student's strength, flexibility, endurance, and overall muscular toning.

Volleyball**Course #: 5191, 5192****Full Year****Credit: 0.50 Per Sem****Fee: \$20 uniform fee, \$5 course fee per semester**

This course will include the basic skills of volleyball: passing, setting, serving, attacking, and rules of the game. Also, other net sports will be included such as tennis, badminton, and volley-tennis. Emphasis will be on team and skill-building techniques.

FOUR-YEAR COURSE PLANNING FORM*

Credit requirements vary for different diploma types. Make certain you review YOUR plan with your counselor to be sure you plan correctly to graduate with the type of diploma (regular, advanced, or honors) you want to earn. Read all information in this course offerings booklet so you know how to plan your four years wisely. Use the form below to help plan your high school course work and to share with your counselor. Your course selection will affect your ability to properly prepare for admission to various post-secondary schools.

Gateway requirements include 7 classes each semester for freshmen, sophomores, juniors, and seniors.

REQUIRED COURSES	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
English (4 credits)	English:	English:	English:	English:
Math (3 credits; 4 for honors/advanced)	Math:	Math:	Math:	Math:
Social Studies (3 credits)	N/A	World History	U.S. History	American Government
Science (2 credits; 3 for honors/advanced)	Science:	Science:	Science:	
PE/HSROTC (2 credits)	PE/HSROTC:	PE/HSROTC:		
Health/HSROTC (.5 credit)	Health			
Computer Literacy (.5 credit)	Computer Lit			
Arts/Humanities/CTE (1 credit)				
World Language (2 credits for honors)				
Electives (6.5, 6, or 4 credits*)				
Flex Credit				
Notes				
Credit Totals:				

More Questions?

Contact your Counselor (Counselors are assigned alphabetically by last name)

A-D: Devan Bartmus (DBartmus@washoeschools.net)

E-K: Genell Burroughs (GBurroughs@washoeschools.net)

L-Ra: Peyton Taylor (peyton.taylor@washoeschools.net)

Re-Z: Clara Mitchell (CEMitchell@washoeschools.net)

