

WHAT IT MEANS TO BE A
Bruin



**BEAR RIVER
CORE VALUES**

BRAVE

RESILIENT

UNIFIED

INNOVATIVE

NOBLE

SELF-DISCIPLINED

WHO WE ARE. WHAT WE DO.

COURSE CATALOG

2026-2027

Mission and Vision

Bear River is a comprehensive high school that serves approximately 650 students in grades 9-12. Built in 1986, it was designed to serve the residents of southern Nevada County. During the last five years, the school has become a model program for Professional Learning Communities implementing teacher collaboration, pyramids of intervention, and common assessments.

The mission of Bear River High School is to provide a positive environment for all students developing lifelong learners who utilize a multitude of educational opportunities to grow socially, emotionally, professionally and academically, preparing them to make empowered choices for their future.

Bear River High School strives to inspire all students to value and practice resilience, problem solving, empathy, and integrity, equipping them to contribute and thrive in an ever-changing global society.

Our educational offerings are designed to support student learning and to ensure college and career readiness for all of our students. Please review the course options in this catalog carefully before making your selection, keeping in mind your long term goals.



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Nevada Joint Union High School District Graduation Requirements | CSU/UC Admission | NCAA (Div. 1)

SUBJECT AREAS	NJUHSD Graduation	Credits	CSU/UC Entrance (also known as the a–g requirements)		NCAA (Division 1)
A: SOCIAL SCIENCE	3 Years: World History, US History, & Gov/Econ	30	2 Years: 1 year of World History & 1 year of US History <u>or</u> ½ year of US History & 1/2 year of American Government		2 Years: World History, US History, Am Gov, or Psychology
B: ENGLISH	4 Years	40	4 Years		4 Years
C: MATHEMATICS	3 Years (must include 1 yr Integrated Math 1 or Algebra 1)	30	3 year sequence that includes <i>Integrated Math 1, 2 and 3 or higher</i> 4 Years recommended		3 Years (IM1 or higher)
D: LAB SCIENCE	2 Years Natural/Physical Science (including one year of lab Science)	20	CSU	UC	2 Years Natural/Physical Science (including one year of lab Science)
			2 Years: 1 biological and 1 physical. Integrated science and interdisciplinary courses can meet this requirement.	2 Years: Must include at least 2 of 3 subjects of biology, chemistry, & physics; only 1 <i>interdisciplinary</i> course can be used	
			3 Years recommended		
E: WORLD LANGUAGE	1 Year Visual/ Performing Art <u>Or</u> World Language <u>Or</u> Career Technical Education (CTE)	10	2 Years: Needs to be 2 years of the same world language 3 Years recommended		2 Years Recommended to meet admission requirements
F: VISUAL/PERFORMING ARTS			1 Year: approved VAPA course		None
G: ELECTIVES	Class of 2026 and beyond	110	1 Year: Any additional course on approved a-g course list		1 Year of NCAA approved course in English, Math, <u>OR</u> Science area
PHYSICAL EDUCATION	2 Years	20	None		None
HEALTH & CAREER CHOICES	1 Year	10	None		None
GRADE/GPA REQUIREMENT	D- (60%) or better earns credit		NOTE: Must earn C- (70%), or better		Minimum 2.3 GPA
REQUIRED TOTALS	Class of '26 & Beyond	260	15 year-long courses <u>minimum</u> <i>11 must be completed 9th-11th grades</i> 18+ year-long courses <u>recommended</u>		16 NCAA approved; <i>10 completed before start of 12th grade</i> <i>Minimum of 7 out of 10 courses in English, Math or Science</i>

Updated 2/2025

NOTE: All seniors must complete, and pass senior project, with a **70% (or better)**, in order to participate in graduation ceremonies and earn a NJUHS D diploma.

More info on a-g admission

UC: [UC Freshman Admission Requirements](#)

CSU: [CSU Freshman Admission Requirements](#).

More info on NCAA requirements: [NCAA Future Student Athlete](#)

4 Year Plan: Graduation & CSU/UC (a-g) Requirements

Subjects	Graduation	CSU/UC Admission	9 th	10 th		11 th		12 th	
A. History/Social Science	3 yrs.	2 years		World History AP World History		US History AP US History		Government/Economics AP Gov/Econ	
B. English	4 yrs.	4 years	English 1 English 1H	English 2 English 2H		English 3 AP Language		ERWC (English 4) AP Literature & Composition	
C. Mathematics	3 yrs.	3 years 4 years recommended	Everyday Int. Math 1 Integrated Math 2 Integrated Math 3	Integrated Math 1 Integrated Math 2 Integrated Math 3 AP Pre-Calculus		Integrated Math 2 Personal Finance Integrated Math 3 AP Pre-Calculus Elem. Probability & Statistics AP Calculus		Integrated Math 2 Personal Finance Integrated Math 3 AP Pre-Calculus Elem. Probability & Statistics AP Calculus	
D. Lab Science <i>Course options depends on student goals & math ability</i>	2 yrs.	2 years 3 years recommended	Earth & Space Science Life Science	<u>Life Sciences:</u> AP Biology Biology Bio & Sus Ag Life Science	<u>Physical Sciences:</u> Chemistry Earth & Space Physics AP Physics	<u>Life Sciences:</u> Biology Bio & Sus Ag Life Science	<u>Physical Sciences:</u> Chemistry Earth & Space Physics AP Chemistry AP Envir. Science	<u>Life Sciences:</u> AP Biology Biology Bio & Sus Ag Life Science	<u>Physical Sciences:</u> Chemistry Earth & Space Physics AP Physics
E. Language Other than English (LOTE)	1 yr. World Lang OR Visual/ Performing Art OR CTE Course	2 years 3 years recommended	Spanish 1 <i>Only recommended for strong academic 8th grade students</i>	Spanish 1 Spanish 2		Spanish 2 Spanish 3		Spanish 3 AP Spanish 4	
F. Visual/Performing Arts		1 year	See list for approved VAPA courses: BRHS a-g list						
CTE (Career Technical Education)		none							
G. Electives	110	1 year; G area	See list for approved courses: BRHS a-g list						
BRHS Courses	10 credits	none	World Geography (½ yr) Career Choices (½ yr)			Health (½ yr) Ethnic Studies (½ yr)			
Physical Education	2 yrs.	none	Freshmen PE	PE					
Total Credits Needed	260	18 + courses recommended							

Note: AP Physics and AP Bio are offered every even year (example; Fall 2026-27 and 2028-29).

AP Environmental Science and AP Chemistry are offered every odd year (example Fall 2025-26 and 2027-28)

BEAR RIVER AGRICULTURE



When students are enrolled in an Ag. Class, they are automatically members of Bear River FFA! Opportunities and expectations will be reviewed in class.

PLANT SCIENCE PATHWAY

Biology & Sustainable Ag. *+
Plant & Soil Science
Plant Production Principles
(2027-28)



AG. BUSINESS PATHWAY

Biology & Sustainable Ag. *+
Beginning Floral Design
Advanced Floral Design



AG. MECHANICS PATHWAY

Ag. Mech 1*
Ag. Mech 2+
Ag. Mech 3/4



AG. POWER MECH. PATHWAY

Ag. Mech 1*
Small Engines (26-27)
Power Mechanics (27-28)



AG. CONSTRUCTION PATHWAY

Intro to Ag. Construction*
Intermediate Ag. Construction
Advanced Ag. Construction



INTERNSHIP OPPORTUNITIES

After completing the capstone in any pathway, students are able to get internship experience for course credit.

* Courses for first year students!

+ Dual Enrolled Classes with Sierra College

Agriculture and Natural Resources (CTE)

Agriculture today is much more than farming. It's an advanced and highly technical field. It involves everything from computers to research and education, even satellites to watch the weather. Whatever your aspirations, enrolling in high school agriculture and FFA (gives you valuable hands-on experience. Such involvement helps you develop communication, leadership skills, and even helps you decide which of the many agriculture career options is best for you. BR FFA chapter has earned National Championships in **2015, 2016, 2017 & 2025 NATIONAL CHAMPIONS and STATE CHAMPIONS in 2021, 2022, 2023 & 2025**. Join our award winning teams by enrolling in one, or more, of our Ag pathway classes.

Students enrolled in Agriculture Pathways will be engaged in agriscience curriculum as well as having the opportunity to be involved in student leadership and community service activities through the FFA organization on sectional, regional, state and national levels. As students progress through the advanced offerings in the program, they will participate in career exploration, project development and marketing which can even include apprenticeships with local businesses. Supervised agricultural experiences include small and large animal projects and ag. Mechanics projects at the Nevada County Fair, hands-on experience at our on campus greenhouse and garden, research projects and so much more! From floral design to welding, from public speaking to team competitions, there is truly something for all student interests. The course sequences provide an academic schedule for college bound students yet maintains flexibility for those students wishing to continue their education at a community college or technical school.

AG MECHANICS PATHWAY :

AG MECHANICS 1

Course ID# 9231

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: None

This class is designed for students interested in learning more about the Ag Mechanical field; emphasizing hands-on learning through a series of projects in metal and woodworking, electricity, arc and gas welding, metal work and carpentry. Advanced students design and build their own projects for personal use or fair exhibits.

AG MECHANICS 2

Course ID# 9232

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Ag Mech 1 with C or better

This class will provide students with additional understanding of physical science principles, agricultural mechanics and the use of power machines. This class is useful for students seeking employment upon high school graduation in the field of mechanics and for students planning to continue their education. Emphasis is on the use of power machines as well as arc welding, gas welding, mig welding, plumbing, wood working, and concrete work.. Time is allowed for construction of personal projects at the end of this course. *Students that earn a passing grade can earn both high school and college credit.*

AG MECHANICS 3

Course ID# 9233

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: Yes; 1 year

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Ag Mechanics 2 with C or better

This is a class designed to meet the needs of the advanced Agricultural Mechanical Science student in individualized learning and project design. It reinforces construction skills. Construction/fabrication principles are taught through a series of individualized shop projects. Students will design and build Mechanical Science projects including but not limited to livestock equipment, outdoor furniture, trailers, etc. Students will build their own projects utilizing different kinds of materials and processes learned in Ag Mechanical 1 and 2.

AG MECHANICS 4

Course ID# 9234

CSU/UC: Pending

NCAA: No

Grade Levels: 12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Ag Mechanics 3 with C or better

The Agricultural Mechanics pathway prepares students for careers related to the construction, operation, and maintenance of equipment used by the agriculture industry. This class focuses on advanced fabrication and design techniques.

AG MECHANICS PATHWAY INTERNSHIP

Course ID# 9248

CSU/UC: Pending

NCAA: No

Grade Levels: 11–12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Pathway Concentrator Course & Teacher Recommendation

This course allows Agriculture Pathway students an opportunity to participate in Work Based Learning as a capstone or a second capstone course in the Agriculture Mechanics Pathway. After four weeks of training and preparation, students will interview and be placed with a job site related to their pathway and will be assigned an internship supervisor. Students will adhere to the agreed upon training plan which will outline expectations of the student as well as the work site. Students will attend a class day with the pathway teacher every other week to touch base, submit documents and discuss areas for growth and trouble-shoot any job site issues. At the conclusion of the semester, students will receive a skill sheet and a certificate of completion.

AG POWER MECHANICS PATHWAY:

AG MECHANICS 1

Course ID# 9231

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: None

This class is designed for students interested in learning more about the Ag Mechanical field; emphasizing hands-on learning through a series of projects in metal and woodworking, electricity, arc and gas welding, metal work and carpentry. Advanced students design and build their own projects for personal use or fair exhibits..

SMALL ENGINES/POWER SYSTEMS *(Offered Fall of Even Years)*

Course ID# 9243

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Ag Mech 1 with C or better

Small Engines / Power Systems is an applied course in agricultural mechanics with special emphasis on laboratory activities involving small engines and compact equipment. The standards in this course address personal safety, tool/part identification, principles of operation, system analysis, service and tune-up procedures, overhaul techniques, troubleshooting, and measurements specific to gas-powered engines as well as exploration of careers in agricultural power systems.

AG POWER MECHANICS *(Offered Fall of Odd Years)*

Course ID# 9247

CSU/UC: CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: Yes; 1 year

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Small Engines with a "C" or better

Ag Power Mechanics is an applied course with special emphasis focusing on modern Diesel Engines (to include the principles and theories of running, testing, diagnosing, disassembly and assembly, preventative maintenance, and troubleshooting), Hydraulic circuitry as applied to mobile hydraulic systems in agriculture and heavy machinery (component design and operation), Electrical as applied to heavy machinery (theory, troubleshooting, diagnosis using testing equipment, and repair) and the exploration of a wide range of careers in agricultural mechanics. Upon completion of this course, proficient students will be able to pursue advanced training in Heavy Equipment. The course instruction will integrate components of the FFA's Farm Power and Machinery Career Development Event competition. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. Students will also develop and maintain a professional portfolio throughout the course.

AG MECHANICS PATHWAY INTERNSHIP

Course ID# 9248

CSU/UC: Pending

NCAA: No

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Pathway Concentrator Course & Teacher Recommendation

This course allows Agriculture Pathway students an opportunity to participate in Work Based Learning as a capstone or a second capstone course in the Agriculture Mechanics Pathway. After four weeks of training and preparation, students will interview and be placed with a job site related to their pathway and will be assigned an internship supervisor. Students will adhere to the agreed upon training plan which will outline expectations of the student as well as the work site. Students will attend a class day with the pathway teacher every other week to touch base, submit documents and discuss areas for growth and trouble-shoot any job site issues. At the conclusion of the semester, students will receive a skill sheet and a certificate of completion.

AG BUSINESS PATHWAY

BIOLOGY AND SUSTAINABLE AGRICULTURE

Course ID# 9217

CSU/UC: Pending

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Life Science or Elective-CTE

Term: Yearlong

Prerequisites: Completion or concurrent enrollment in Algebra 1/ Integrated Math 1

Biology & Sustainable Agriculture is the first course in the sustainable agriculture pathway, open to all first year agriculture students. The course is organized into major sections; investigating sustainable agriculture, the environment and ecology, and molecular biology. The course culminates in the development of a sustainable farm model and portfolio of supporting student research. Throughout the course, students will also be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

FLORAL DESIGN

Course ID# 9254

CSU/UC: Yes, area F

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: VAPA or Elective-CTE

Term: Yearlong

Prerequisites: Bio & Sustainable Ag

This course involves the fundamentals of floral design theory, techniques, and skills currently practiced in the floral design industry, including wedding, sympathy, party, holiday, and themed floral designs. Subjects will include applied art principles, floral and art history, cut flower care & handling practices, proper and safe use of florist tools and materials, pricing of floral products, and use of current floral business technology. Skills to be developed include customer relations, consultations, pricing, and use of technology in the industry. Course instruction also includes construction of corsages, floral arrangements, foliage plant items, introductory ornamental horticulture, identification of plants and flowers, professional industry organizations, and career opportunities. Construction and servicing of special events, parties, and holiday floral displays are included. In addition, the inter-curricular FFA program supports and enhances the materials covered in the classroom. This includes involvement in FFA activities, planning of agriculture based projects, and keeping accurate records.

ADVANCED FLORAL DESIGN

CTE Capstone

Course ID# 9255

CSU/UC: Yes, area G

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes; 1 year

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Floral Design

This course allows students to learn advanced professional florist skills for employment in the floral industry. Students will explore the floriculture industry on a more technical and advanced level with a review of the proper care and handling of flowers, plants, and foliage; evaluate floral materials and arrangements; utilize floral tools, supplies and products to apply design principles to floral medium. The advanced focus of this class will expose students to the business aspects of the floral industry as they construct arrangements for all occasions; display, price and market floral designs; and preserve floral materials as students run their own floral shop. The art elements and principles of design will serve as a foundation for each unit covered. After completion of this class, students will be prepared to secure a job in the floral industry. Students will be exposed to careers in Agriculture Business. Students will run floral sales, including marketing, purchasing, construction, delivery, and finances. Students will automatically become members of the FFA and participation in FFA activities and supervised agricultural experience programs will be a graded component of the course.

AG BUSINESS PATHWAY INTERNSHIP

Course ID# 9257

CSU/UC: Pending

NCAA: No

Grade Levels: 11–12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Pathway Concentrator Course & Teacher Recommendation

This course allows Agriculture Pathway students an opportunity to participate in Work Based Learning as a capstone, or a second capstone course, in the Agriculture Business Pathway. After four weeks of training and preparation, students will interview and be placed with a job site related to their pathway and will be assigned an internship supervisor. Students will adhere to the agreed upon training plan which will outline expectations of the student as well as the work site.

AG PLANT SCIENCE PATHWAY

BIOLOGY AND SUSTAINABLE AGRICULTURE

Course ID# 9217

CSU/UC: Pending

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Life Science or Elective-CTE

Term: Yearlong

Prerequisites: Completion or concurrent enrollment in Algebra 1/ Integrated Math 1

Biology & Sustainable Agriculture is the first course in the sustainable agriculture pathway, open to all first year agriculture students. The course is organized into major sections; investigating sustainable agriculture, the environment and ecology, and molecular biology. The course culminates in the development of a sustainable farm model and portfolio of supporting student research. Throughout the course, students will also be graded on participation in intracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

PLANT SCIENCE

Course ID# 9207

CSU/UC: Pending

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Bio and Sustainable Agriculture

Get ready to dive into the awesome world of plants and soil in our Plant and Soil Science class! Ever wondered how plants work their magic? We'll unravel the mysteries of photosynthesis and explore the cool science behind what happens beneath the surface with soil. Expect hands-on experiments, digging into soil secrets, and discovering how these sciences impact everything. We will cover topics such as plant physiology, plant structure, classification, soil science, plant nutrition and more. Students will also be involved in the FFA program, and have a Supervised Agricultural Experience (SAE) project. Get ready for a wild ride as we uncover the secrets of the green world beneath our feet.

PLANT PRODUCTION PRINCIPLES

Course ID# TBD

CSU/UC: Pending

NCAA: No

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Bio and Sustainable Agriculture and Plant Science with C's or better

Ready to actually grow plants like a pro? In Plant Production Principles, you'll take what you already know about plants and put it to work. This class is all about how plants are produced in the real world, from starting seeds and propagating plants to managing soil, water, nutrients, and pests. Expect hands-on projects in the greenhouse and garden, real-life problem solving, and learning skills used in agriculture and horticulture careers, and exploring careers. Students will also be involved in the FFA program, and have a Supervised Agricultural Experience (SAE) project.

AG BUILDING AND CONSTRUCTION TRADES PATHWAY

INTRO TO AG CONSTRUCTION

Course ID# 9802

CSU/UC: None

NCAA: No

Grade Levels: 9-12

Repeat for Credit: NO

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: None

Get ready to build, create, and problem-solve in Intro Ag Construction. This course introduces students to the fundamentals of agricultural construction, focusing on how structures are planned, designed, and built for agricultural and rural settings. Students will explore construction safety, hand and power tool operation, basic carpentry skills, blueprint reading, applied mathematics, and construction terminology. Projects may include agricultural structures such as fencing, sheds, livestock facilities, and shop projects. Hands-on learning is emphasized throughout the course as students develop practical skills used in agriculture, construction, and the skilled trades. Students are required to participate in the FFA program and complete a Supervised Agricultural Experience (SAE) project related to agricultural mechanics or construction

INTERMEDIATE AG CONSTRUCTION

Course ID# 9803

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: NO

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Intro to Ag Construction with "C" or better

Intermediate Ag Construction builds on foundational skills and takes students deeper into agricultural and residential construction practices. This yearlong course emphasizes advanced tool use, carpentry and framing techniques, measurement and layout, and basic electrical and plumbing systems commonly used in agricultural structures. Students will earn their OSHA-10 Construction certification and continue to strengthen safety practices, teamwork, accuracy, and employability skills. Instruction is hands-on and project-based, preparing students for real-world construction applications in agricultural settings. Participation in the FFA program and completion of an SAE project are required and integrated into course activities.

ADVANCED AG CONSTRUCTION

Course ID# 9804

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: NO

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: Intermediate Ag Construction with "C" or better

Advanced Ag Construction is designed for students ready to tackle complex construction projects and leadership roles in the shop. This course focuses on advanced agricultural, residential, and commercial construction techniques, including roof systems, stair construction, structural assemblies, project planning, and personnel management. Students will also explore efficient building practices and energy-conscious design as they relate to agricultural facilities. Emphasis is placed on precision, problem-solving, leadership, and career readiness. Students will apply their skills through large-scale, hands-on projects and real-world scenarios. Active participation in the FFA program and completion of an SAE project are required components of the course.

Reminder: to earn your diploma you will need 1 Visual/Performing Art OR 1 World Language OR 1 CTE course. You will need 1 year of Visual/Performing Art AND 2 years of a World Language to fulfill UC/CSU admission requirements.

☆ - Denotes a course that will earn a weighted grade point average

ARTS, MEDIA & ENTERTAINMENT PATHWAYS

Check out our video on the AME programs: [Bear River AME Programs](#)



CTE DIGITAL PHOTOGRAPHY

Course ID#: 9551

CSU/UC: area F (Visual/Performing Art)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective-VAPA/CTE

Term: Yearlong

Prerequisites: None

Digital Photography is a year-long introduction to the digital camera as an art-making tool designed for students at the beginning level. The course will use digital photography to help students learn and apply the basic elements of art and the principles of design. This course will also provide students with opportunities to extend their knowledge and skills in the field of photography and the use of Adobe Photoshop and Lightroom. Digital Photography will familiarize the student with digital photographic equipment, materials, methods and processes. Visual problem solving skills are explored through the use of the computer as the main tool for creative expression and communication. Mobile phone photography and editing with a variety of phone applications will be infused in the curriculum. Students will have a portfolio of their completed work upon completion of the course.

DESIGN, VISUAL & MEDIA ARTS PATHWAYS

Journalism



Online Multimedia 1

Online Multimedia 2

Literary Magazine



Publication Design 1

Publication Design 2

Yearbook



Publication Design 1

Publication Design 2

DESIGN, VISUAL & MEDIA ARTS PATHWAY - JOURNALISM (OPTION 1):

MULTIMEDIA JOURNALISM 1

Course ID# 9516

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: None

Students are exposed to a variety of multimedia journalism and types of writing that appear in newspapers, magazines and digital media. Students will recognize and write sound, effective, responsible journalism that includes interviews, scripting and publishing. The class will also include basic photography and video skills, layout and design strategies. Students will assist in the production of online student media.

MULTIMEDIA JOURNALISM 2

CTE Capstone

Course ID# 9517

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12
Repeat for Credit: Yes
Graduation Credit: Elective-CTE
Term: Yearlong

Prerequisites: Multimedia Journalism I, Publication Design I, Intro to Design, or Video Production I

This course is a capstone option in the Digital Media Arts pathway. Students will have successfully completed prerequisites in design, photography, or publications/media production. This leads to a year of serving in a leadership role in production teams for student media as well as studying college and career options in a setting similar to an internship. Options will range from serving as the design editor in WED teams (Writer-Editor-Designer) as the chief design organizer and planner to serving as editors over larger staffs. Students learn about media production by leading student staff to production of the school's publications. The course offers instruction and practice in digital storytelling; copy writing and editing; proofreading; writing in a variety of journalistic formats; headline writing, design, photo management, and business, including entrepreneurship and social media tools for successful 21st-century media management

DESIGN, VISUAL & MEDIA ARTS PATHWAY - LITERARY MAGAZINE (OPTION 2):

LITERARY MAGAZINE (Publication Design 1)

Course ID# 9506
CSU/UC: area G (Elective)
NCAA: No
Grade Levels: 9-12
Repeat for Credit: Yes
Graduation Credit: Elective-/CTE
Term: Yearlong
Prerequisites: None

A Literary Magazine is a periodical devoted to literature, and art, in a broad sense, including poetry, prose, photography, art and more. In this class, students will act as editors, page designers, curators and creators. They will pore over hundreds of student submissions. They will compile and digitally present the most outstanding art and written word from teens in the Nevada Joint Union High School District. The annual culminating product will be Reflection, the official high school Literary Magazine of NJUHSD. The experience of being in a Literary Magazine class is a multi-faceted adventure into a philosophical and creative world. As students create the Lit Mag over the school year, they will recognize and share social issues and experiences in a new way. They will gain new perspectives as they edit work from their peers at various school sites. They will learn ways to tell their own story. This class will promote and unite students as they learn about: diverse forms of visual art, literature, design, photography, all forms of poetry, first-person narratives, short fiction, screenplay excerpts, superb essays, and Q and A's. This is a class about translating complex, powerful life themes into publication.

LITERARY MAGAZINE 2 (Publication Design 2)

Course ID: *Lit Mag: # 9507*
CSU/UC: area G (Elective)
NCAA: No
Grade Levels: 10-12
Repeat for Credit: Yes
Graduation Credit: Elective/CTE
Term: Yearlong

Prerequisites: Lit Magazine or Yearbook (Publication Design 1) & teacher approval

This course is a capstone option in the pathway. Students will have successfully completed prerequisites in design, photography, or publications/media production. This leads to a year of serving in a leadership role in production teams for student media as well as studying college and career options in a setting similar to an internship. Options will range from serving as the design editor in WED (Writer-Editor-Designer) teams as the chief design organizer and planner to serving as editors over larger staffs. Students learn about media production by leading student staff to production of the school's publications. The course offers instruction and practice in digital storytelling; copy writing and editing; proofreading; writing in a variety of journalistic formats; headline writing, design, photo

management, and business, including entrepreneurship and social media tools for successful 21st-century media management.

DESIGN, VISUAL & MEDIA ARTS PATHWAY - YEARBOOK (OPTION 3):

YEARBOOK 1 (Publication Design 1)

Course ID# 9504

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective-VAPA/CTE

Term: Yearlong

Prerequisites: Application required

Formerly Yearbook, this project-based course is designed to provide practical, specific journalistic experiences with the primary end result of the production of a professional yearbook. The course goals focus on the expository aspect of the reading and reporting (oral and written), extensive practice in writing that goes through a thorough editing and revision process. There is also rigorous training on written themes including body copy, interviewing, captions and headlines, and visuals including photography and designing layouts. Members are expected to assume the responsibilities and self-discipline necessary to contribute to the success of such an organization. Students deal with and learn to understand the ethical dimensions of life while they search for information and gain a respect and understanding of the viewpoints others hold. Students will need to evaluate information and convey intricate or multifaceted information to the student body. Publication Design teaches real-world skills, such as: meeting deadlines, teamwork, working with advanced and professional technology, communication skills, and independent thinking skills. *An application is required for all grade levels and after-school assignments are required.*

YEARBOOK 2 (Publication Design 2)

Course ID# 9505

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Elective-VAPA/CTE

Term: Yearlong

Prerequisites: Pub Design 1 and teacher approval

This course is a capstone option in the Digital Media Arts pathway. Students will have successfully completed prerequisites in design, video, or publications/media production. This leads to a year of serving in a leadership role in production teams for student media as well as studying college and career options in a setting similar to an internship. Options will range from serving as the design editor in WED teams (Writer-Editor-Designer) as the chief design organizer and planner to serving as editors over larger staffs. Students learn about media production by leading student staffs to production of the school's publications. The course offers instruction and practice in digital storytelling; copy writing and editing; proofreading; writing in a variety of journalistic formats; headline writing, design, photo management, and business, including entrepreneurship and social media tools for successful 21st-century media management. This course is a capstone option in the Digital Media Arts pathway for students seeking a leadership role in Online Media or Publications. *After-school assignments are required.*



DIGITAL DESIGN PATHWAY:

INTRODUCTION TO DIGITAL DESIGN

Course ID# 9501

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisites: None

Entry level course in the Design, Visual and Media Arts Pathway. This class teaches the art of visual communication through typography, imagery and color. We will use Adobe's suite of creative programs including Photoshop, Illustrator and InDesign. Students will learn the fundamentals of design through collaborative and self-paced projects with a goal of being Adobe Certified in Photoshop. ***This class is a dual-enrollment course with Sierra College. Successful completion of this course can earn college credit through the articulation agreement process.***

PORTFOLIO DEV. & PRESENTATION

CTE Capstone

Course ID# 9522

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No
Graduation Credit: Elective-CTE
Term: Yearlong
Prerequisite: Intro Digital Design 1

This course is one of two Capstone Courses in the Design, Visual, and Media Arts Pathway and consists of two components: Portfolio Development and Adobe Certification. The culmination of a portfolio will comprise various media and formats, which include both traditional and digital works of art and design. In addition to the portfolio, students will prepare for certification exams in Adobe Photoshop, Illustrator, and InDesign.



PRODUCTION & MANAGERIAL ARTS PATHWAY - LIVE PRODUCTION

Check out our Production video: [Production](#)

Check out our video: [Live Production](#)

PRODUCTION

Course ID# 9401
CSU/UC: area G (Elective)
NCAA: No
Grade Levels: 9-12
Repeat for Credit: Yes
Graduation Credit: Elective-CTE
Term: Yearlong
Prerequisites: None

Production focuses on basic stagecraft and video creation. Teaching students both live and pre-recorded production elements such as lighting, sound, set construction, scenic artistry, marketing, framing, and basic tricks used in the industry to enhance a show/video for our audience members. Students additionally are taught the different opportunities available within the production umbrella and are required to work at least one video production and one live production while in the course. Students will have the opportunity to experience jobs such as (but not limited to) Backstage Running Crew, Light Board Operator, Theatrical Electrician, Spotlight Operator, Set Builder, Sound Board Operator, Sound Engineer, Camera Operator, Usher, Box Office Staff, Quick Changer, Videographer, Vision Mixer, and Second Assistant Camera. Additionally, students are required to participate in productions and design meetings throughout the year so that they have a deeper understanding of the specific show/event/film requirements, timelines/deadlines, and what would be expected of them as staff within that production.

LIVE PRODUCTION

CSU/UC: area F (Visual/Performing Art)

Course ID# 9402

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Elective-VAPA/CTE

Term: Yearlong

Prerequisites: Production, Advanced Theater Drama, Leadership or Teacher Approval

Live Production focuses on advancing students from being able to crew a show into students who are able to lead design and production elements necessary for a successful production. Students learn basic rigging, special effects, USITT safety standards, hardware available and their uses, rope types and knot tying, scale drafting, design elements and budget management. Students additionally are taught the different opportunities available within the Production umbrella and are required to work productions, which allow them to experience jobs more advanced than what is offered in the introduction Production course such as Management, Light Programmers, Engineers, Master Electrician, Properties Master, Master Carpenter, Special Effect Artists, and much more! In addition, students are required to prepare for and participate in the Performing Arts. Department's production/design meetings to ensure that their requirements for the show needs and time-line expectations are being met to the expectation level of the Director and Production Manager.

LIVE PRODUCTION MANAGEMENT HONORS

(Technical Theater III): Advanced ☆

CTE Capstone

Course ID# 9403 or 9404 (Honors)

CSU/UC: area F (Visual/Performing Art)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: Yes

Graduation Credit: Elective-VPA/CTE

Term: Yearlong

Prerequisites: Video Production, Live Production, or Teacher Approval

Live Production Management allows for students to take extreme focus in the department they are most interested in when it comes to live production. They not only are able to advance their skill level, but they are also in charge of the entire department and are the masterminds behind making all live productions happen on campus! These students are capable of putting on their own productions and designs. They are no longer the helpers, they are the creators! This class can also be taken a second time for Honors credit.

PUBLIC SAFETY PATHWAY

INTRODUCTION TO CRIMINAL JUSTICE

Course ID# 9981

CSU/UC: Pending area G (elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: NO

Graduation Credit: Elective-CTE

Term: Yearlong

In this year-long course, students will be exposed to an introductory level of law enforcement. It has been designed with hands-on learning intentions to better teach students the behind the scenes aspects of law enforcement. In class lectures with guest speakers from local agencies covering all levels of our justice system, including off campus trips to tour facilities and equipment used by law enforcement professionals. Students will have open class discussions on current events involving law enforcement and break down and critique videos of incidents in all aspects of the job. Students will be encouraged to partake in local cadet/explorer programs to build positive relationships with law enforcement in addition to being able to gauge interest for the career. Mock interview panels will be made available to allow students to be better prepared for future job interviews.

HEALTH SCIENCE & PATIENT CARE

Skills for Health Careers 1

Course #: 9305

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: NO

Term: Yearlong

Graduation Credit: Elective-CTE

Students enrolled in Skills for Health Careers will concentrate on learning technical skills through hands-on experience with a variety of equipment, as well as care and prevention of athletic related injuries. This course is designed to provide students the necessary foundational technical skills of Health Sciences and integrated subject matter in science, mathematics, and English/language arts required to move to advanced curriculum and content in Health Science and Medical Technology. Students will develop an understanding of the role of various medical careers such as Physician, Medical Assistant, CNA, RN, Massage Therapist, Sport Injury Technician, Physical Therapist, Physical Therapist Aide, Athletic Trainer, Fitness Technician, First Responder, EMT, Paramedic, through the use of critical thinking skills. Students will be introduced to Body systems and how they work in coordination throughout the body. Students will have an understanding of medical and anatomical terminology. Students will be certified in CPR and First Aid, and the taking of vital signs. Students have the opportunity to experience a variety of options, leading to the broad career selection of a specific pathway, within Health Science and Medical Technology. Students will be introduced to the requirements of working in patient care careers, understanding all aspects of the interactions and responsibilities in working with people in diagnostic and therapeutic areas of health care.

Skills for Health Careers 2

Course #: 9306

CSU/UC: No

NCAA: No

Grade Levels: 10-12

Repeat for Credit: NO

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisite: Skills for Health Careers 1 with a "C" or better

Students will learn the basic fundamentals and skills necessary in the field of health careers. Instruction includes basic anatomy and physiology, prevention, assessment, treatment and care of athletic injuries, immediate and temporary care of injuries, nutrition, training room/office management practice, procedures, standards and ethics. Internship opportunities are with local high school athletic teams and the BR Training room. Extra hours, outside of school, are voluntary.

Medical Internship (Capstone)

Course #: 9309

CSU/UC: No

NCAA: No

Grade Levels: 11-12

Repeat for Credit: YES (once)

Graduation Credit: Elective-CTE

Term: Yearlong

Prerequisite: Skills for Health Careers 1 & 2 with a "C" or better

Students enrolled in this course will take the skills they learned in the Skills for Health Careers 1 & 2 and put them to practical use in either a hospital, athletic, or clinic setting. Students interested in the health careers will be afforded the ability to explore many aspects of the medical field. Students will choose between 28 departments at Sierra Nevada Memorial Hospital including their ambulance service.

ENGLISH

Students must complete 4 years of English to meet graduation requirements. To meet the a-g requirements (CSU/ UC entrance requirements) students must earn a C- or better in every semester. Students pursuing an Associate's, or Bachelor's degree, will be required to take a minimum of one semester of College, Reading, Writing and Research and one semester of Critical Thinking as part of earning their degree path. Bear River's college prep English courses will prepare students for their future by developing student's writing, reading, and critical thinking skills.

ENGLISH 1

Course ID # 2101

CSU/UC: area B

NCAA: Yes

Grade Levels: 9

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

English 1 emphasizes the improvement of writing skills through well-developed paragraphs and basic essays, develops effective oral communication through discussions and presentations, enhances the appreciation of literature through analysis and interpretation, teaches beginning research skills, and provides instruction in written and oral language conventions.

ENGLISH 1H (Honors) ☆

Course ID# 2104

CSU/UC: area B

NCAA: Yes

Grade Levels: 9

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

This accelerated English course emphasizes the same curriculum as English 1. However, students read additional works of greater difficulty and will be expected to achieve an advanced level of coherence, unity and critical thinking in their work.

ENGLISH 2

Course ID# 2201

CSU/UC: area B

NCAA: Yes

Grade Levels: 10

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

English 2 is designed to reinforce the skills learned in English 1 and to further develop skills in writing, oral communication, literary analysis and interpretation, research skills, and written and oral language conventions.

ENGLISH 2H (Honors) ☆

Course ID# 2204

CSU/UC: area B

NCAA: Yes

Grade Levels: 10

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

English 2H emphasizes the same curriculum as English 2. However, students read additional works of greater difficulty and will be expected to achieve an advanced level of coherence, unity and critical thinking in their work.

ENGLISH 3

Course ID# 2301

CSU/UC: area B

NCAA: Yes

Grade Levels: 11

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

English 3 is designed to reinforce the skills learned in English 2 and to further develop skills in writing, oral communication, literary analysis and interpretation, research skills and written and oral language conventions. This course has an emphasis on American Literature.

ENGLISH 3 - AP LANGUAGE AND COMPOSITION (Advanced Placement) ☆

Course ID# 2304

CSU/UC: area B

NCAA: Yes

Grade Levels: 11

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: English 2H and/or teacher recommendation

AP English Language and Composition focuses on rhetoric. Students will study language as a persuasive tool and examine the integral relationships of writer, context, audience, and argument. Focusing primarily on nonfiction works, students will write formally and informally through revised essays, journals, collaborative writing, and in-class responses, as well as produce expository and argumentative compositions that introduce complex ideas developed through cogent and sustained reasoning.

ENGLISH 4 (ERWC) - English Reading and Writing Course

Course ID# 2403

SU/UC: area B

NCAA: Yes

Grade Levels: 12

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: No

Students in this year-long, rhetoric-based course develop advanced proficiency in expository, analytical, and argumentative reading and writing. The cornerstone of the course - the assignment template - presents a process for helping students read, comprehend, and respond to nonfiction and literary texts.

ENGLISH 4 AP LITERATURE AND COMPOSITION (Advanced Placement) ☆

Course ID# 2402

CSU/UC: area B

NCAA: Yes

Grade Levels: 12

Repeat for Credit: NO

Graduation Credit: English

Term: Yearlong

Prerequisite: *Teacher recommendation and an "A" in prior regular English course or a "A/B" in AP Lang*

English 4 AP Lit & Comp emphasizes the curriculum necessary for the successful completion of the AP English Literature exam.

Students who are successful on this exam can receive college credit in English. In addition, students are required to complete written components of their senior project. Students receive an extra grade point when computing their GPA for this class. Students in English 4AP are encouraged to take the CollegeBoard Advanced Placement exam in May.

ENGLISH SUPPORTED STUDIES

Course ID# 7824

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: YES

Graduation Credit: Elective

Term: Yearlong

Prerequisite: CELDT scores

Provide EL students individualized instruction and supports necessary for students to succeed in their core classes.

MATHEMATICS

Students must complete 3 years of high school level Math to meet graduation requirements, including 1 year of Integrated Math 1, or Algebra 1.

To meet the a-g requirements (CSU/UC entrance requirements) students must earn a **C-, or better**, in Integrated Math 1, 2 & 3 (or Algebra 1 & 2/Geometry equivalent) minimum. The CSU/UC entrance requirement is 3 years of a-g approved Math, but **recommends** 4 years. Students may count IM1, or Algebra 1, completed in 8th grade for CSU & UC applications.

The following table demonstrates possible course sequences in the Mathematics area:

	9th Grade	10th Grade	11th Grade	12th Grade
College Prep Math Sequences	Integrated Math 1 <u>or</u> Everyday IM1	IM2	IM3	AP Pre-Calculus
	Integrated Math 1 <u>or</u> Everyday Math 1	IM2	IM3	AP Calculus
	Integrated Math 1 <u>or</u> Everyday Math 1	IM2	IM3	Elementary Probability and Statistics
	IM2 (with 8th grade teacher recommendation)	IM3	AP Pre-Calc	AP Calculus <u>or</u> Statistics
	IM2 (with 8th grade teacher recommendation)	IM3	AP Calculus	Math @ Sierra College
Graduation/ Career Technical College Sequence	Integrated Math 1 or Everyday IM1	IM2	IM3, Personal Finance <u>or</u> Stats	IM3, Personal Finance <u>or</u> Stats
	Integrated Math 1 or Everyday IM1	IM1 + Math Lab*	IM2	IM3, Personal Finance <u>or</u> Stats

INTEGRATED MATH 1

Course #: 3101

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Mathematics (meets CA minimum requirement of Algebra 1, or Integrated Math 1)

Term: Yearlong

Prerequisites: None

Integrated Math 1 is the first course of a three course series which introduces entry level topics in Number & Quantity, Algebra, Functions, Geometry and Statistics & Probability. This one-year long course satisfies the Common Core Standards for Integrated Math 1. It strengthens and builds on the students' prior knowledge in middle school math. This course focuses on algebraic expressions, linear functions, quadratic functions, some basic exponential functions, exponents, polynomials, solving equations, geometric congruence, proof and construction methods, finding volumes, areas, descriptive statistics, and connecting algebra and geometry through reasoning and proof as well as real life applications.

EVERYDAY MATH 1 *(Two periods)*

Course #: 3124

CSU/UC: Yes

NCAA: No

Grade Levels: 9

Repeat for Credit: No

Graduation Credit: Elective

Term: Yearlong

Prerequisites: 8th Grade teacher recommendation and/or parent/guardian opt in

This everyday math course is an elective class that is paired with Integrated 1. Taken together, this option provides a slower-paced Integrated I opportunity for identified students who need additional support to be successful in Integrated Math 1. Together, the courses will be identical to the A-G UC Approved Integrated Mathematics 1, except the pace of the course will be slower and there will be more emphasis on addressing gaps in basic math skills.

MATH LAB

Course #: 7332

CSU/UC: No

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective

Term: Yearlong

Prerequisites: D's or F's in IM1 in 9th grade

Math Lab is a class designed for 10th-12th graders to support struggling students that may have earned a D and/or an F in IM1, in 9th grade. Assistance will be provided by the development of individualized areas of need, as determined by screening assessments, and current math teacher recommendations.

INTEGRATED MATH 2

Course #: 3104

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Term: Yearlong

Graduation Credit: Mathematics

Prerequisites: IM1, or Algebra 1, with a “C” or better

This course is the second course in a three-course college preparatory sequence. It is a problem-based curriculum focusing on geometry, quadratics, probability, and the extension of prior algebraic concepts with emphasis on collaborative student work and spaced practice.

INTEGRATED MATH 2 LAB

Course #: 3123

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites: IM1, or Algebra 1, with a “C” or better

This everyday math course is an elective class that is paired with Integrated 2. Taken together, this option provides a slower-paced Integrated 2 opportunity for identified students who need additional support to be successful in Integrated Math 2. Together, the courses will be identical to the A-G UC Approved Integrated Mathematics 2, except the pace of the course will be slower and there will be more emphasis on addressing gaps in basic math skills.

INTEGRATED MATH 3

Course #: 3107

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites: Completion of Integrated Math 2 (or Algebra 1 & Geometry) with a “C” or better

Integrated Mathematics 3 is the third course in a three-course college preparatory sequence. In this course, students will integrate and apply the mathematics they have learned from their earlier courses. The focus of Integrated Math 3 is Number and Quantity, Algebra, Functions, Geometry, Trigonometry, and Statistics and Probability.

ELEMENTARY PROBABILITY AND STATISTICS

Course #: 3704

CSU/UC: area C pending (Math)

NCAA: Pending

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites: Completion of Integrated Math 2 (or Geometry) with a grade of C or better.

This course is an introduction to basic probability models and statistical analysis. Students will learn how to use probability techniques, hypothesis testing and predictive techniques to interpret statistical findings based on data collected. Then based on their findings, the students will learn how to use this information to form a conclusion and make a decision.

AP PRE-CALCULUS (Advanced Placement) ☆

Course #: 3521

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites :Integrated Math 3, or Algebra 2, with a grade of C- (or better) in the second semester

AP Precalculus is a college-equivalent course focused on functions as models of changing quantities. Students develop deep understanding of polynomial, rational, exponential, logarithmic, trigonometric, and polar functions, plus parametric, vector, and matrix representations. Across the year, students build procedural and symbolic fluency, translate among graphical, numerical, analytical, and verbal forms, and communicate and justify their reasoning in authentic contexts. Technology (graphing calculators/desmos) supports exploration and modeling, while core algebraic manipulation remains essential. The design prepares students for AP Calculus and quantitatively rigorous college pathways.

AP CALCULUS AB (AdvancedPlacement) ☆

Course #: 3506

CSU/UC: area C (Math)

NCAA: Yes

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites: Completion of Pre-Calculus, or IM3, with a grade of C or better (or teacher approval)

AP Calculus AB is an advanced study of algebra, trigonometry, geometry, complex numbers, and elementary functions. In addition, the course will include a study of differential and integral calculus. The course includes material normally covered in a semester of college study. The CollegeBoard AP Calculus exam will be administered to interested students in May.

Foundations in Personal Finance

Course #: 3702

CSU/UC: No

NCAA: Pending

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Mathematics

Term: Yearlong

Prerequisites: Completion of Integrated Math 2 (or Geometry)

Foundations in Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing. Students will review basic math skills and their application in a consumer setting. Students will design personal budgets, simulate use of checking/savings accounts, and demonstrate knowledge of finance, debt, credit management, insurance and taxes. This course provides a foundational understanding for making informed personal financial decisions.

NON-DEPARTMENTAL ELECTIVES

ACADEMIC PEER TUTOR

Course #: 7512

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: Yes

Graduation Credit: Elective

Term: Yearlong

Prerequisites: Application, administrative approval, and interview

Academic Peer Tutoring gives the opportunity for students excelling in subject areas to support and help peers within the classroom setting under the mentorship of a highly qualified teacher. Students are placed in the Learning Center, after a completed application, in-person interview, a 'B' or above in the course, and teacher recommendations. Students will be trained during Flex by the Peer Tutoring Coordinator. Topics covered will include but are not limited to: code of conduct/confidentiality, healthy relationship building, and communication, learning styles, and multiple intelligences. mindset and bias, and an understanding of learning abilities. Students will engage in lessons that will help them discover their own learning modalities so they can be more receptive to individual learning needs and diversity issues in order to adapt tutoring strategies. Students will be evaluated by attendance, completed lesson content, classroom observations, self-assessments, and mentor teacher observations. Following training, students will be required to participate as Peer Tutors during one Flex Time per week. *Administrative approval only.*

CAREER CHOICES

Course #: 7101

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9

Repeat for Credit: No

Graduation Credit: Elective

Term: Semester (Fall or Spring)

Prerequisites: None

Career Choices & the online 10-year plan is an interdisciplinary curriculum that engages students and teachers in an interactive learning process, helping them develop the knowledge, skills, and attitudes needed to successfully: examine their own lives, explore and evaluate a wide range of education and career options, and make reasoned and researched goals for their future. Freshman will take this course in the Fall or Spring of their 9th grade year. The opposite semester they will take World Geography.

WORLD GEOGRAPHY

Course #: 1702

CSU/UC: area G (Elective)

NCAA: No

Grade Levels: 9

Repeat for Credit: No

Graduation Credit: Elective

Term: Semester (Fall or Spring)

Prerequisites: None

World Geography is designed to teach students the basics of physical, political, and cultural geography, including the five themes of geography. The course will give students a global perspective and allow them to explore the world at large. Freshman will take this course in the Fall, or Spring, of their 9th grade year. The opposite semester they will take Career Choices.

SCHOOL SERVICE - (Teacher/ Office Aide)

Course #: 7514

CSU/UC:No

NCAA: No

Grade Levels: 11-12

2 Semesters - Repeat for Credit: 2

Prerequisites: Teacher Approval by application and interview

Graduation Requirement: Elective

Term: Semester or Yearlong

Students work in various jobs around the school as a Teacher or Office Assistant. Students receive pass/fail grade and must have parent/guardian, instructor or office's permission, and administrative approval.

SPECIES OF THE SIERRA NEVADA

Course ID# 4502

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: NO

Graduation Credit: Elective ONLY

Term: Yearlong

Are you curious about the plants, animals, fungi, geography and geology of the Sierra Nevada Mountain Range? In this elective class, you will become more proficient at identifying species and regions of the Sierra foothills and mountains. Grading will be based on individual and group projects, in-class learning and participation. We will take part in citizen science projects and hear from guest speakers. This class is an elective course and DOES NOT meet the district life, or physical science, science credit requirements.

STUDENT LEADERSHIP

Course #: 7231

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: 4 years

Graduation Requirement: Elective

Term: Yearlong

Prerequisites: Teacher approval by application & interview

Student leadership class is designed to teach all aspects of leadership. Students will successfully learn communication skills, personal organization, stress management skills, group development, project planning, self-awareness, personal growth, and human relations skills, including diversity awareness, community service, and anti-bullying awareness. Production in this class also includes the implementation of student activities: student recognition programs, dances, election process, assemblies, fund raising, cultural diversity programs, homecoming events, noontime activities, community service and public speaking. Implementation of these activities will provide "credit" towards community service hours and "extra duty" time required for this class. Participation in leadership activities requires significant hours outside of the school day.

ADVANCED STUDENT LEADERSHIP

Course #: 7232

CSU/UC :area G (Elective)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: 4 years

Graduation Requirement: Elective

Term: Yearlong

Prerequisites: Teacher approval by application, interview, and successful completion of 1 year student leadership

Student leadership class is designed to teach all aspects of leadership. Students will successfully learn communication skills, personal organization, stress management skills, group development, project planning, self-awareness, personal growth, and human relations skills, including diversity awareness, community service, and anti-bullying awareness. Production in this class also includes the implementation of student activities: student recognition programs, dances, election process, assemblies, fund raising, cultural diversity programs, homecoming events, noontime activities, community service and public speaking. Implementation of these activities will provide "credit" towards community service hours and "extra duty" time required for this class. Participation in leadership activities requires significant hours outside of the school day

PERFORMING ARTS

The Bear River Community Theater is a 410 seat, performing venue designated for theater arts education and housing the work of students, community members, and organizations. Students enrolled in performing arts courses may have the opportunity to perform in one of our many events.



Check out our Community Theater events: [Theater Event](#)

BRHS Drama program: [BR Theatre](#)

BEGINNING DRAMA (*Introduction to Drama*)

Course #: 6203

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: None

Beginning Drama is a survey course that covers all aspects of theater. The course will cover acting techniques such as vocal expression, facial expression, stage movement, emotional expression, and methods of character creation and analysis. Improvisational games and techniques will also be taught and played. All elements of theatrical production will be studied, discussed, and learned, such as set, costume, and lighting design. An in-depth unit on theatrical history will also be included. Students will learn the beginnings of theatrical tradition from the time of primitive man to the present. Theatrical historical periods will include Greeks, Romans, Medieval, Shakespeare, American Theater (including Musical Comedy), Japanese theater, Bollywood, and modern theater. Students will write and perform a variety of original scripts for scenes, monologues, and short plays. Students are expected to help at both Drama Productions. Mandatory after school rehearsals and performances include Holiday VAPA Performance in December and Final Scene Night in May.

ADVANCED DRAMA A (*Intermediate Drama*)

Course #: 6204

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: Beginning Drama/Teacher Rec.

The focus of this course is to extend and refine student experiences learned in Beginning Drama. Students will be able to expand their study of theatrical elements in this class. The course will concentrate on deeper levels of acting technique and theory, dramatic literature, theater history, scriptwriting, and stage performances. Students will develop artistic perception, creative expression, and aesthetic valuing. In this course, students will be leaders within the Beginning Drama course, leading warm ups, leading scene/creative work, and directing their own individual scenes for Final Scene Night. Advanced students will be expected to work

and study individually at times with research, writing, and performance. Students will help on both Fall and Spring shows, and will also participate in the Holiday show and the end-of-year culminating program performance in May as both actors and directors. This course is designed for students who have successfully completed Theater Arts (or equivalent) and wish to further their work in theater.

PROFESSIONAL DRAMA HONORS ☆ (Acting Performance Ensemble)

Course #: 6206

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: Adv. Drama and Audition

AUDITION ONLY. Professional Drama (Honors) focuses on the preparation and performance of live stage performances to help students prepare for a career in professional acting in film, television, or stage work. This course offers students the ability to explore and study a wide spectrum of time periods of dramatic literature as well as differing styles of acting skills, theories, and performance from Greeks, Shakespeare, Noh, Melodrama, Modern, Film/TV, and Musical Comedy. Students will learn and understand techniques of auditions, rehearsals, researching for roles (dramaturgy), and performance techniques. All enrolled students are required to attend all class time rehearsals, as well as after school rehearsals and performances on weekends, evenings, and afternoons. Students will be expected to present and reflect their own achievement of learning goals throughout the course. Students receive an Honors designation on their transcripts. The course can be taken multiple times, but only once for Honors credit.

Bear River's Music program is growing, check out our classes that offer experiences with a variety of instruments, performances, and skill levels.

AP MUSIC THEORY ☆

Course #: TBD

CSU/UC: area F (VAPA) pending

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: Successful completion of a previous high school music course, Music Fundamentals, and/ or Teacher Approval

This course is designed to educate students on the basic elements of music theory and notation, and to prepare them for the Advanced Placement Music Theory Exam. In addition, it serves as a great way to prepare students for studying music academically in higher education.

MUSIC LAB

Course #: 6307

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: None

Music Lab is a specialized course designed to help students explore interest in a particular instrument and style of music. In addition to learning the basics of playing and caring for their instrument, they will learn basic music theory, explore other artists on their instrument, learn how to write songs, and collaborate with their peers. There will also be two performances as part of the class. By the end of the year students should have a good understanding of their instrument, how to play melodic and harmonic material, and

know how to read music.

JAZZ ENSEMBLE

Course #: 6325

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: Audition Required

Love jazz? Join BR Jazz! This is an ensemble course that will cover standard jazz notation and performance practices as well as basic history, theory, and improv. Jazz instrumentalists AND vocalists welcome! Performance opportunities will include both big band and jazz combos. Not for beginning musicians, audition required.

BR VOICES *(Mixed SATB Choir)*

Course #: 6334

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: No experience necessary

This is an ensemble music course which aims to aid students in establishing musical understanding and choral/vocal proficiency. We will sing a variety of musical works from different time periods and genres. In addition to ensemble performance we will also cover basic music theory, music history, and vocal care. All are welcome!

SYMPHONIC BAND

Course #: 6322

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA

Term: Yearlong

Prerequisites: None

This is an ensemble music course which aims to aid students in establishing musical understanding and instrument proficiency. We will play a variety of musical works from different time periods, genres and instrumentations, including both full ensemble works, and chamber music arrangements. Students are encouraged to try new instruments, hone their craft, and explore music in all its forms and intricacies. In addition to ensemble performance we will also cover basic music theory, music history, and instrument care. All instruments and musical abilities are welcome.

THEATRICAL DANCE 1

(Beginning Dance)

Course #: 6401

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA or may be used as a 2nd year of Physical Education (PE)

Term: Yearlong

Prerequisites: No previous dance training or experience is required.

Students will learn basic skills and develop a strong dance foundation. Students will get to experience jazz, ballet, hip hop and contemporary dance techniques. Students who want performance experience have the opportunity to participate in our fall spring dance production. Performance participants are not required at the beginning levels.

THEATRICAL DANCE 2

(Intermediate Dance)

Course #: 6402

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA may be used as a 2nd year of Physical Education (PE)

Term: Yearlong

Prerequisites: Audition Required

Students will receive training in multiple styles of dance, requiring a higher skill level and quicker pacing, than beginning dance. Admittance into intermediate dance is by audition only, for new students, and permission from Ms. Blaney for current or past dance students. Intermediate dancers are required to perform in our fall and spring dance shows. There may be a few extra weekend rehearsals needed to prepare for the productions throughout the school year.

THEATRICAL DANCE 2AA

(Advanced Dance)

Course #: 6403

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA may be used as a 2nd year of Physical Education (PE)

Term: Yearlong

Prerequisites: Audition Required

Advanced Dance (Dance 2A) and Performance Ensemble are separate classes placed on opposite days to provide dancers with daily technique classes and performance preparation for multiple annual productions. Students should be enrolled in both classes. Some weekend rehearsals will be required; one weekend per month is for student choreography, and selected weekends will be for out-of-town guest choreographers. These classes are designed to prepare students for further dance study, training, and performance at the college, university, conservatory, or pre-professional levels.

THEATRICAL DANCE ENSEMBLE

Course #: 6404

CSU/UC: area F (VAPA)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: Yes

Graduation Credit: Elective - VAPA may be used as a 2nd year of Physical Education (PE)

Term: Yearlong

Prerequisites: Audition Required

Theatrical Dance Performance Ensemble builds upon the coursework and technique of Intermediate and Advanced Dance. Performance Ensemble will include rehearsal, choreography projects, and performance preparation for multiple productions and field trips throughout the school year. Students will learn to critically assess and derive meaning from works of dance, performance of dancers, and original works according to the elements of dance and aesthetic qualities. Through the completion of a year-long portfolio project, students will be able to connect and apply what is learned in dance to learning in other art forms, subject areas, and careers.

PHYSICAL EDUCATION

BASKETBALL PE

Course #: 8406

CSU/UC: No

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Physical Education (Two years required)

Term: Yearlong

Prerequisites: None

This course is designed to prepare students for participation in competitive basketball. Student placement is based on skill level, interest and equipment used. Curriculum includes weight training, passing, dribbling, pivoting and shooting, and advanced drills utilizing these skills.

FROSH PE

Course #:8101

CSU/UC: No

NCAA: No

Grade Levels: 9

Repeat for Credit: No

Graduation Credit: Physical Education (Two years required)

Term: Yearlong

Prerequisites: None

Freshmen must enroll in Frosh PE. After the freshman year, students who participate in a full season of interscholastic competition may waive a semester of PE per sport, up to a total of 10 credits. The freshmen co-ed program introduces students to a variety of physical activities including, individual sports, and introduction to weight training and fitness. Emphasis is placed on evaluating personal fitness and setting goals for a healthier lifestyle. *All freshmen must participate in and pass the California Physical Fitness Test as a graduation requirement.*

THEATRICAL DANCE 1 (Intro), 2 (Intermediate) OR 2AA (Advanced)

See course descriptions in the previous section

UPPER LEVEL PE

Course #: 8201

CSU/UC: No

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Physical Education (Two years required)

Term: Yearlong

Prerequisites: None

This course is designed to continue to advance skill development in the activities introduced in Freshman PE. Emphasis will be placed on developing skills for lifetime sports.

WEIGHT TRAINING

Course #: 8401

CSU/UC: No

NCAA: No

Grade Levels: 10-12

Repeat for Credit: Yes

Graduation Credit: Physical Education (Two years required)

Term: Yearlong

Prerequisites: None

This class consists of weight training and conditioning. Recommended for any student who desires to work hard towards muscular development and cardiovascular conditioning.

SCIENCE

Science course selection is important to ensure the student is engaged, equipped and prepared for their future goals. To meet the graduation requirements students must complete one year of life science, and one year of physical science, with D- 's or better, to earn credit.

Two years of CSU/UC approved laboratory science is required (one physical and one life) in order to apply to UC/CSU schools. Students must earn C- 's, or better.

Three years (or more) of an approved laboratory science course is recommended. The BRHS Science department recommends that students take one of the following course sequences.

	9th Grade	10th Grade	11th Grade	12th Grade
College Prep Science Sequences	Physics (or Biology)	Biology (or Physics)	Chemistry, AP Physics, AP Bio, AP Environmental or None	AP Chemistry, AP Physics, AP Bio, AP Environmental, or None
	None (or Earth & Space)	Physics (or Biology)	Biology (or Physics)	Chemistry, AP Physics, AP Bio, AP Environmental or None
Graduation/ Career Technical College Sequences	None	Earth & Space Science or Life Science	Earth & Space Science or Life Science	None

AP BIOLOGY ☆

(Offered Fall of Even Years)

Course #: 4442

CSU/UC: area D (Lab Science) NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Life Science

Term: Yearlong

Prerequisites: Biology with grade of B or better

This fast-paced laboratory life science course is designed for students to take the AP Biology College Board exam in May.

Equivalent to a first year college-level introductory Biology course, AP Biology focuses 4 big ideas:

Big Idea 1: The process of evolution drives the diversity and unity of life. Big Idea 2: Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis. Big Idea 3: Living systems store, retrieve, transmit, and respond to information essential to life processes. Big Idea 4: Biological systems interact, and these systems and their interactions possess complex properties. Laboratory experiences focus on developing investigation and inquiry skills, laboratory techniques, and analytical skills. This course requires extensive outside of class study, homework and laboratory work.

AP CHEMISTRY ☆

(Offered Fall of Odd Years)

Course #: 4353

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Term: Yearlong

Graduation Credit: Physical Science

Prerequisites: Grade of B or better in Integrated Math 3 or in Chemistry.

This Advanced Placement course will briefly review the topics covered in Chemistry 1 and will quickly move to explore advanced topics in kinetics theory, thermo-dynamics, kinetics, equilibrium, and electrochemistry. This intense, fast-paced class is geared toward preparation for the CollegeBoard Advanced Placement exam in May.

AP ENVIRONMENTAL SCIENCE ☆

(Fall of Odd Years)

Course #: 4452

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Life or Physical Science

Term: Yearlong

Prerequisites: 2 years of laboratory science: 1 year of physical and 1 year of life

This course is an interdisciplinary science drawing upon concepts found in earth science and life science that will prepare students to take the College Board AP Environmental Science exam in May. This course is designed to increase student awareness of environmental issues both local and global. Topics covered include: population biology, land and water use, pollution, earth resources, energy resources and use, ecosystems and energy flow, and global change. This course will include laboratory experience collecting and analyzing data both inside and outside the classroom. Some projects will be ongoing and require work outside of class time.

AP PHYSICS 1 ☆ *(Fall of Even Years)*

Course #: 4333

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Physical Science

Term: Yearlong

Prerequisites: Grade of B or better in Physics.

AP Physics 1 is an algebra-based course that provides an introduction to measurement, motion and kinematics, forces, energy, momentum and inertia, rotational motion, gravitation, and waves and oscillations. Students must have completed Integrated Math 2 and be concurrently enrolled in Integrated 3 or higher. Emphasis is on inquiry lab investigations, problem-solving, critical thinking and scientific methodology. Students may earn college credits by taking and passing the College Board Advanced Placement test.

BIOLOGY

Course #: 4441

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Life Science

Term: Yearlong

Prerequisites: Recommended for college-bound students. Open to 9th graders with a B in 8th grade English; concurrent enrollment in Integrated Math 1.

This course is a life science, laboratory science course that explores the topics of scientific investigation, ecology, molecular and cell biology, heredity and biotechnology, and evolution. Regular laboratory experiences include microscope work, ecology simulations, DNA extraction, enzyme activity, photosynthesis, cellular respiration, genetics and natural selection simulations. In addition to biology content knowledge, critical thinking will be assessed, as well as ELA reading and writing standards for Science. This is a college-prep course, fulfilling the UC requirements for lab science.

CHEMISTRY

Course #: 4351

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Physical Science

Term: Yearlong

Prerequisites: Integrated Math 1 with B or better and concurrent enrollment in Integrated Mathematics 2 or higher.

Chemistry is the study of matter and the changes that take place in matter. In the first semester, students will learn to write and balance chemical equations, classify chemical reactions and predict the products of reactions, and use stoichiometry methods to solve problems. We will use current atomic theory to study bonding and the shapes of molecules. The second semester will include the study of kinetic theory and the gas laws, thermodynamics, kinetics, solutions, equilibrium, and acid-base reactions. Approximately 20% of class time is spent on laboratory work, students working in small groups. This is a college-prep course, fulfilling the UC requirements for lab science.

EARTH & SPACE SCIENCE

Course #: 4342

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Physical Science

Term: Yearlong

Prerequisites: None

This science course is designed to expose the student to scientific methods, concepts and vocabulary in relation to the non-living, natural world. Earth Science is the study of our earthly habitat, which is a synthesis of all terrestrial systems, including Geology, Chemistry, Hydrology, Oceanography, Meteorology, and Astronomy. Laboratory problems are performed to demonstrate concepts and enhance the understanding of material presented.

LIFE SCIENCE

Course #: 4401

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Life Science

Term: Yearlong

Prerequisites: None

This course of study places emphasis on living organisms, their diversity, which also includes investigation into the patterns of life, both present and past. Emphasis is placed on cellular aspects; the role of humans; and the problems of preservation and conservation of the natural resources necessary for survival. Laboratory experiments and demonstrations are performed to enrich the understanding of the subject matter.

PHYSICS

Course #: 4331

CSU/UC: area D (Lab Science)

NCAA: Yes

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Physical Science

Term: Yearlong

Prerequisites: Recommended for college-bound students. Open to 9th graders with an A or B in 8th grade Math; concurrent enrollment in Integrated Math 1.

Physics is the study of the physical universe. In this course, students will investigate forces, motion, momentum, energy, gravity, electrostatics and electric current, waves, and electromagnetic radiations. Students will conduct laboratory experiments regularly while investigating Newton's Laws, gravity, motion, waves, and electrostatics. This is a college-prep course, fulfilling the UC Requirements for lab science.

SOCIAL STUDIES

AP AMERICAN GOVERNMENT ☆

Course #: 1402

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels:12

Repeat for Credit: No

Graduation Credit: Social Science

Term: Semester

Prerequisites: AP U.S. History OR teacher recommendation from U.S. History teacher

Advanced Placement United States Government and Politics is designed to give students a critical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Students are encouraged to take the CollegeBoard Advanced Placement exam in May.

AP US HISTORY ☆

Course #: 1202

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels:11

Repeat for Credit: No

Graduation Credit: Social Science

Term: Yearlong

Prerequisites: AP World OR teacher recommendation from World History Teacher

This course is for those who are academically motivated to go beyond the basic elements of American History. Students will be expected to interpret and apply major issues in U.S. History through oral debate, comprehensive essay writing, research and outside readings. Students are encouraged to take the CollegeBoard Advanced Placement exam in May.

AP WORLD HISTORY ☆

Course #: 1102

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels:10

Repeat for Credit: No

Graduation Credit: Social Science

Term: Yearlong

Prerequisites: Recommendation of the 9th grade English teacher, 3.5 G.P.A. is recommended.

This is a college-level course that explores Asia, Africa, Europe, and the Americas from c.1200 CE to present day. Students investigate themes such as governance, social structures, economic systems, cultural exchange and technology through a comparative and analytical lens. The course emphasizes historical thinking skills, such as analyzing primary and secondary sources, making historical arguments, and understanding continuity and change over time. Designed for motivated students, this course prepares scholars for the AP Exam and fosters a deeper understanding of the interconnectedness of the modern world. Once a student and parent commit to enrollment in any Honors/AP course, the student is required to remain in the class for at least a semester. Students are encouraged to take the CollegeBoard Advanced Placement exam in May.

AMERICAN GOVERNMENT

Course #: 1401

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels:12
Repeat for Credit: No
Graduation Credit: Social Science
Term: Semester
Prerequisites: None

This class will compare the systems of government in the world today and analyze the life and changing interpretations of the Constitution, the Bill of Rights and the current state of the legislative, executive, and judicial branches of the government. An emphasis will be placed on analyzing the relationship among federal, state, and local government, with particular attention to important historical documents pertaining to the Founding Fathers.

ETHNIC STUDIES

Course #: 1721
CSU/UC: area A (Social Science/History)
NCAA: No
Grade Levels:11-12
Repeat for Credit: No
Graduation Credit: Elective
Term: Semester
Prerequisites: None

Ethnic Studies courses deeply examine race and racism as influential societal factors, particularly in the context of American society. These courses concentrate on the experiences of various racial and ethnic groups, emphasizing the structural and cultural aspects of race and racism. The primary goal is to cultivate political, social, and economic awareness among students, encouraging a strong connection to history and promoting themes of social justice, responsibility, and change. This one-semester course delves into the experiences of African Americans, Asian Americans, Latinos, American Indians, and Muslim and Arab Americans. It also incorporates a unit exploring personal, group, and national identity concepts, such as race, ethnicity, gender, and sexual orientation.

ECONOMICS

Course #: 1301
CSU/UC: area A (Social Science/History)
NCAA: Yes
Grade Levels:12
Repeat for Credit: No
Graduation Credit: Social Science
Term: Semester
Prerequisites: None

This course introduces students to the fundamental principles of economics, including how individuals, businesses, and governments make choices about limited resources. Students will explore key topics such as supply and demand, market structures, personal finance, and the role of government in the economy. This course prepares students to think critically about current economic issues and will likely include a stock market simulation contest and/or shark tank simulation/personal business product. Through real world examples and interactive projects, students will learn how economic systems function and how economic decisions impact their daily lives.

PSYCHOLOGY

Course #: 1601
CSU/UC: area G (Elective)
NCAA: Yes
Grade Levels:11-12
Repeat for Credit: No
Graduation Credit: Elective
Term: Yearlong
Prerequisites: None

Psychology is the scientific study of human and animal behavior and activity. This course will examine this behavior as it relates to formation of personality and better understanding of him/her and others. Discussion and projects will focus on psychological theories, history, personality development, cycles of life, biology and behavior, relationships, and student research.

SPORTS PSYCHOLOGY

Course #: 1604

CSU/UC: area G (Elective)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective

Term: Yearlong

Prerequisites: Recommended for Athletes OR Performance Arts

Sports Psychology is designed to provide students with knowledge about psychological factors that affect performance in sport and exercise such as motivation, concentration, focus, confidence, burnout, goal setting, life balance, attitude, character development, leadership, coach/athlete relationships, anxiety and relaxation. Students will be introduced to mental skills that will enhance performance, make athletic participation more enjoyable, and learn skills that can be transferred to other aspects of their lives. Specific skills addressed in this class will include: how to set measurable goals and strategies to achieve them, visualization and imagery techniques, leadership, team building, and how to cope with injuries/loss/let-downs.

US HISTORY

Course #: 1201

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels: 11

Repeat for Credit: No

Graduation Credit: Social Science

Term: Yearlong

Prerequisites: None

This course is aligned with California Social Science State Standards for US History examines the major events, people, and ideas that have shaped the United States from its founding to the present day. Students will examine major turning points in American History, with special emphasis on the twentieth century and look at how ideas and events shape our institutions and influence our daily lives. Students will be expected to think critically about the standards presented in class and apply the knowledge learned to complete various tasks to enhance and develop their historical thinking skills. By the end of the course, students will gain a deeper appreciation of America's complex history and its impact on the world.

WORLD HISTORY

Course #: 1101

CSU/UC: area A (Social Science/History)

NCAA: Yes

Grade Levels: 10

Repeat for Credit: No

Graduation Credit: Social Science

Term: Yearlong

Prerequisites: None

This course is aligned with California Social Science State Standards for World History. In this course students will examine World History, Culture, & Geography. Students will compare and contrast significant historical events throughout the world. Through their use of acquired historical analysis students will better understand present events and use this understanding to engage as a participatory citizen. Students will compare and contrast significant historical events throughout world history as well as identify the causation and effects of events. Students will be expected to think critically about the standards presented in class and apply basic facts to complete various tasks. For example, assignments in this class may include responding to historical primary and secondary

sources, creating historical presentation/speech, historical essays, summaries, reading comprehension, note taking, and participating in group tasks/projects/discussion.

SPECIALIZED ACADEMIC INSTRUCTION (SAI)

Specialized Academic Instruction (SAI) are support classes for high school students who receive special education services and have learning needs identified in their IEP. In a small-group setting, students receive targeted, individualized instruction in areas such as reading, writing, mathematics, organization, and study skills. Instruction is tailored to each student's goals using evidence-based strategies, guided practice, and ongoing progress monitoring to strengthen foundational skills and support success in general education classes. SAI emphasizes confidence, independence, and self-advocacy, and is provided in addition to core academic courses. Enrollment is determined through the IEP process.

BASIC PRE-INTEGRATED MATH 1

Course #: TBD

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Math

Term: Yearlong

Prerequisites: Case Manager approval needed

Introductory course in the Integrated Math sequence designed for students with IEPs who need support building foundational skills. Students develop number sense, problem-solving skills, and readiness for Basic Integrated Math 1 through instruction in integers, fractions, decimals, percents, ratios, proportions, variables, expressions, equations, inequalities, patterns and tables, measurement, area and volume, basic shapes, and data analysis.

BASIC INTEGRATED MATH 1

Course #: TBD

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Math

Term: Yearlong

Prerequisites: Case Manager approval needed

First course in the Integrated Math sequence, specifically designed for students with IEPs. Covers foundational topics including linear equations, inequalities, systems, linear and exponential functions, and interpreting and analyzing data. Focuses on developing problem-solving skills, reasoning, and readiness for continued progress in Integrated Math.

BASIC FOUNDATIONS IN PERSONAL FINANCE

Course #:

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Math

Term: Yearlong

Prerequisites: Case Manager approval needed

PRACTICAL ENGLISH I

Course #: 2801

CSU/UC: No

NCAA: No

Grade Levels:9-12

Repeat for Credit: No

Graduation Credit: English

Term: Yearlong

Prerequisites: Teacher or Case Manager approval needed

Students will be given the opportunity to build their foundation of reading skills, improve reading comprehension and understanding of the main ideas and key themes in selected novels based on students' reading levels. Students will develop their writing skills that include basic transitions that link sections of a text and provide a concluding statement. Students will demonstrate effective listening and speaking through class presentations and peer to peer feedback.

PRACTICAL ENGLISH II

Course #: 2802

CSU/UC: No

NCAA: No

Grade Levels:9-12

Repeat for Credit: No

Graduation Credit: English

Term: Yearlong

Prerequisites: Teacher or Case Manager approval needed

Students will be given the opportunity to improve their reading skills through both fiction and nonfiction text. Students will improve reading comprehension, understanding main ideas, and identifying key themes in selected novels. Students will develop their writing skills in order to produce an essay that includes a logical claim with supporting relevant evidence. Students will demonstrate effective listening and speaking through class presentations and peer to peer feedback

PRACTICAL ENGLISH III

Course #: 2803

CSU/UC: No

NCAA: No

Grade Levels:9-12

Repeat for Credit: No

Graduation Credit: English

Term: Yearlong

Prerequisites: Teacher or Case Manager approval needed

Development of basic reading and writing skills as outlined in the student's IEP. The classes focus on the development of writing an essay with an introduction, body and conclusion. Emphasis is placed on reading comprehension and understanding key themes in selected grade level novels. This literature will parallel and include general education core curriculum. Students will demonstrate effective speaking, writing and listening skills.

PRACTICAL ENGLISH IV

Course #: 2804

CSU/UC: No

NCAA: No

Grade Levels:9-12

Repeat for Credit: No

Graduation Credit: English

Term: Yearlong

Prerequisites: Teacher or Case Manager approval needed

Development of basic reading and writing skills as outlined in the student's IEP. The classes focus on the development of writing an essay with an introduction, body and conclusion. Emphasis is placed on reading comprehension and understanding key themes in selected grade-level novels. Students will demonstrate effective speaking, writing and listening skills.

SUPPORTED STUDIES

Course #: 7821

CSU/UC: No

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: English

Term: Yearlong

Prerequisites: Teacher or Case Manager approval needed

Supported Studies is designed to assist students through the requirements of their general education classes. Students will work on individual assignments, with the opportunity to ask questions, and clarify information in a smaller group setting. Class sizes are smaller and often a certificated teacher and instructional aide are available to assist students

VISUAL ART

ART 1: *Introduction to Drawing & Painting*

Course #: 6102

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels:9-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: None

Art class for all skill levels; no prior experience is required. Experience is based primarily on hands-on art making including drawing and painting skills and techniques. Class requires daily participation, effort, and work completion to ensure success. Students will produce finished drawings and paintings as well as keep a detailed sketchbook. Students will use a variety of media including but not limited to: pencil, charcoal, colored pencil, pastel, India ink, acrylic paints and watercolor. A donation, or a student-purchased supply list, is requested for this class.

ART 2: *Intermediate Drawing & Painting*

Course #: 6109

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels:10-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: Art 1 with B or above

Students have the opportunity for personalized expression in any area/media explored in Art 1, with the addition of new instruction in acrylic painting, composition, and multimedia. Students will practice critical thinking with artwork critiques, and hone artistic expression through individual sketchbooks and tailored projects. A donation, or a student-purchased supply list, is requested for this class.

ART 3: *Advanced Drawing & Painting*

Course #: 6103

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels:11-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: Art 2 with B or above

Students create a portfolio of work (9-12 pieces) to demonstrate inquiry into the four investigative units of Place, Objects, People, and Monument with developed art and design skills in the use of materials, processes, and ideas over the course of the year. Portfolios include works of art and design, process documentation, artist statements, and critique. Students will complete portfolios for evaluation based on specific rubric criteria, which include skillful synthesis of materials, and ideas formed through the sustained investigative process including practice, experimentation/revision and student generated guiding questions. The year will culminate in a student-organized group art show. A donation, or a student-purchased supply list, is requested for this class.

AP 2D ART AND DESIGN ☆

Course #: 6106

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: Art 1 & 2, with B or above, or instructor permission.

AP 2D Art and Design corresponds to college and university foundations courses. Students create a portfolio of work to demonstrate sustained inquiry and development of materials, processes, and ideas over the course of a year. Portfolios include works of art, process documentation, & written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students will submit their complete portfolio to the AP 2D Art and Design Exam using the College Board website. A donation, or a student purchased supply list, is requested for this class.

AP ART 3D: Art & Design ☆

Course #: 6112

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: Art 1 & 2, with B or above, or instructor permission.

AP 3D Art and Design corresponds to college and university foundations courses. Students create a portfolio of work to demonstrate sustained inquiry and development of materials, processes, and ideas over the course of a year. Portfolios include works of art, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions. Students will submit their complete portfolio to the AP 3D Art and Design Exam using the College Board website. A donation, or a student-purchased supply list, is requested for this class.

CERAMICS 1

Course #: 6148

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels: 9-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: None

This class is a full-year course that will give students a broad experience of ceramic material and techniques. Major emphasis will be on projects dealing with various aspects of technical proficiency. Meets the Visual Arts requirement for CSU/UC. *Note: Students will be requested to donate \$50 per year for materials, although not required.*

CERAMICS 2

Course #: 6149

CSU/UC: area F (Visual Arts/Performing Arts)

NCAA: No

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective - VAPA

Prerequisites: Ceramics 1 with a C, or better

Students complete assigned and independent designed projects while working under the supervision of the teacher. Emphasis is on the development of a personal and unique style of work. Meets the Visual Arts requirement for CSU/UC. *Note: Students will be requested to donate \$50 per year for materials, although not required.*

WORLD LANGUAGE

Check out Señor Mason's website: [Bienvenidos a la página de Señor Mason](#)

SPANISH 1

Course #: 5100

CSU/UC: area E (LOTE)

NCAA: Yes

Grade Levels: 10-12

(9th grade students are only recommended to enroll in Spanish 1 if they are very strong academically - see prerequisites)

Repeat for Credit: No

Graduation Credit: Elective - World Language

Prerequisites: Students must have a "B" or better in English and Math

Daily activities in Spanish 1 revolve around the 4 skills of language; Listening, Speaking, Reading and Writing. 1. **Listening** to the instructor and recordings in Spanish, often in fast, conversational tones. Students must understand enough to answer questions with no other resources. 2. **Speaking** to practice and demonstrate mastery of specific sounds and structures of the language.

Assessment is performed daily and by formal and informal presentation, without use of notes. 3. **Reading** words, sentences and authentic texts, advertisements, and articles. As students build their knowledge of vocabulary and sentence structure, readings become more complex and content more cultural. 4. **Writing** many words, exercises, and paragraphs in Spanish and in English. Students put acquired vocabulary and sentence structure to work in their own words. Any translations used are expected to follow rules of grammar in Spanish or in English, depending on the direction of the translation.

SPANISH 2

Course #: 5200

CSU/UC: area E (LOTE)

NCAA: Yes

Grade Levels: 10-12

Repeat for Credit: No

Graduation Credit: Elective - World Language

Prerequisites: Spanish 1 with "C" or better or instructor approval

Level 2 provides the opportunity for students to reinforce their ability to produce words and phrases, while communicating about the world around them: sports, travel, culture, family, home, chores, daily routine. Our students will understand and produce language in both the present and past tenses. This intermediate study of the language will promote a wider use of the language as the student begins telling stories and holding conversations about the topics previously mentioned. Students will be expected to participate in class in Spanish on a daily basis. Participation will also include maintaining a notebook on a daily basis and providing evidence of organization and daily study skills to build vocabulary.

SPANISH 3

Course #: 5300

CSU/UC: area E (LOTE) or area G (Elective)

NCAA: Yes

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective - World Language

Prerequisites: Spanish 2 with "C" or better or instructor approval

Level 3 is designed to further develop the student's speaking, writing, listening and reading skills. Students will utilize a comprehensive vocabulary to communicate ideas about such topics as friends, family, food, hobbies, sports, the arts, apparel, travel, occupations, literature, politics and geography in the present as well as the past tenses, including the indicative and subjunctive expression. This advanced study of the language will provide students with a vast vocabulary, greater depth of language skills and more confidence to communicate with ease. Students will be expected to participate in class in Spanish on a

daily basis. Participation will also include maintaining a notebook on a daily basis and providing evidence of organization and daily study skills to build vocabulary.

AP SPANISH 4 - LANGUAGE AND CULTURE ☆

Course #: 5500

CSU/UC: area E (LOTE) or area G (Elective)

NCAA: Yes

Grade Levels: 11-12

Repeat for Credit: No

Graduation Credit: Elective - World Language

Prerequisites: Spanish 3 with "B" or better or instructor approval

AP Spanish 4 is similar to Spanish 3 with an additional focus on grammar and literature in order to prepare for the CollegeBoard Advanced Placement Spanish exam in May.



STATE SEAL OF BILITERACY REQUIREMENTS

The California State Seal of Biliteracy is marked by a gold seal affixed to the diploma or transcript and recognizes high school graduates who have achieved a high level of proficiency in one or more language(s) in addition to English.



To earn the California State Seal of Biliteracy the student must:

DEMONSTRATE ENGLISH PROFICIENCY THROUGH ONE OF THE FOLLOWING METHODS:

COURSEWORK:

- ☐ Complete all English language arts requirements for graduation with an overall **grade point average (GPA) of 3.0** in those classes. English language arts courses completed at a college or university while in high school may be used to satisfy one or more of these course requirements.

OR

ASSESSMENT (CHOOSE ONE):

- ☐ **Option 1: State Assessment:** Pass the California Assessment of Student Performance and Progress (CAASPP) for English language arts administered in grade 11, at or above the "standard met" achievement level.
- ☐ **Option 2: Advanced Placement (AP) Assessment:** Pass an English AP examination with a score of 3 or higher (AP English Language and Composition, AP English Literature or Composition, or AP Seminar).
- ☐ **Option 3: International Baccalaureate (IB) Assessment:** Pass an English IB examination with a score of 4 or higher.
- ☐ **Option 4: SAT:** Achieve a score of 480 or above on the Evidence-Based Reading and Writing section of the SAT.

Additional English Proficiency Requirement for English Learners Only:

- ☐ In addition to the requirements mentioned above, students who are classified as English learners must attain an oral language composite score of level 4 on the **English Language Proficiency Assessments for California (ELPAC)**.

AND

DEMONSTRATE PROFICIENCY IN ONE OR MORE LANGUAGES, OTHER THAN ENGLISH, THROUGH ONE OF THE FOLLOWING METHODS:

COURSEWORK:

- ☐ Successfully complete a **four-year course of study in a world language at the high school or higher level, attaining an overall GPA of 3.0 or higher** in that course of study, and demonstrate oral proficiency in the language comparable to that required to pass an AP or IB examination. World language courses completed at a college or university while in high school may be used to satisfy one or more of these course requirements.

OR

ASSESSMENT (CHOOSE ONE):

- ☐ **Option 1: AP:** Pass a world language AP examination with a score of 3 or higher,
- ☐ **Option 2: IB:** Pass an IB examination with a score of 4 or higher,
- ☐ **Option 3: ACTFL:** Pass an ACTFL Writing Proficiency Test (WPT) and Oral Proficiency Interview (OPI) with scores of intermediate mid or higher, or
- ☐ **Option 4: District-Approved Assessment:**
Pass a school district language examination that, at a minimum, assesses speaking, reading, and writing in a language other than English at the proficient level or higher.

From California *Education Code* Section 51461.



For more information on the State Seal of Biliteracy, visit the **California Department of Education (CDE) State Seal of Biliteracy web page** at <https://www.cde.ca.gov/sp/ml/sealofbiliteracy.asp> or scan the QR code.

Questions about the State Seal of Biliteracy can be directed to the California Department of Education Multilingual Support Division by phone at 916-319-0845 or by email at SEAL@cde.ca.gov.