



NEVADA UNION HIGH SCHOOL

2023-2024 COURSE CATALOG

“Culture of Collaboration, Communication, Accountability”

Nevada Union High School has made every effort to design and deliver curriculum with an emphasis on aligning California Content Standards with lifelong skills developed through our Schoolwide Learning Outcomes. Nevada Union is on a 2 semester school year with year long courses.

Long term planning is essential, as are periodic reviews of established student goals and progress. It is important for parents to be a part of the planning process, communicating with their students regarding future goals and working with school counselors as a team.

Please review the course selections in this handbook carefully to meet your future goals and interests. Utilize the services of your school counselor to establish a clear focus and set of expectations in planning a program with realistic goals and providing for alternative choices if the need arises.

Nevada Union staff are here to help you have a successful high school experience. Please call upon us whenever you have a question or concerns.

Questions and Answers About Credits, Requirements, and Graduation

1. What is needed to graduate from Nevada Union?

The class of 2024 must earn a minimum of 240 credits. All subsequent classes will need a minimum of 260 credits.

2. How do I earn credits?

Students earn 5 credits per class completed each semester with a D or higher.

3. How many credits can I earn each semester?

Students take 8 classes per day, it is possible to earn 40 credits each semester.

4. How long do classes last?

Nevada Union has year long classes.

5. Can I change my schedule?

Schedule change requests must be submitted within the first **three weeks** of fall semester. Students will not be allowed to change classes because of period and/or teacher preference. It is important that students carefully select elective and alternate classes during registration.

6. What are the criteria for taking AP or Honors courses?

Once a student and parent commit to enrollment in any Honors or AP course, the student is required to remain in the class for the year. Students need to check with teacher for possible summer assignments.

Introduction to Course Planning

Nevada Union High School is committed to providing educational planning that addresses the diverse needs and talents of our entire student body and which will assist students in utilizing their high school education to its fullest.

Nevada Union students have options by which they can tailor a plan that will meet their specific needs and goals. Every freshman, with the help of their parents and counselor, will design a 4-year Individual Academic Plan that will guide them through high school. The planning process is ongoing and students are free to change plans as individual goals, performance, and interests change.

Following the course descriptions, each plan is described and an outline of the recommended course work is provided. All of the available research in career planning points to how critical educational preparation will be for students in the new millennium. The counseling staff strongly urges students and parents to review each of the plans to consider within the context of each student's ability, interests, maturation and goals.

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CAREER/TWO YEAR COLLEGE READINESS PLAN

- Community College Career Tech
 Military Employment

Two Year Community College Degree

This plan is designed to develop and maintain a level of academic skill which will prepare a student for community college course work. It provides students with the academic background needed for the general breadth requirements while also providing the technical/vocational foundation needed for an Associate of Arts or Science Degree.

Community College Transfer Plan

This plan is for students who plan to attend a community college and then transfer to a four year university. An important aspect of this plan is that it allows students additional time in which to complete university entrance requirements. It is designed to encourage students to complete the highest level of academic course work they can while not forcing them into a schedule that they are unable to handle. Students choosing this approach will be required to complete at least 60 transferable college credits at the community college before transferring to the four year college with junior standing.

Transfer Plan - recommended completion of the following:

- Algebra I, Geometry and Algebra II
- One year Lab Science - Agriscience, Ag Biology, Anatomy and Physiology of Animals Biology, AP Computer Science Principles, CDE Forestry and Natural Resource Mgmt., Physics
- Two years of the world language

Core Graduation Requirements

English 1st Year		
English 2nd Year		
English 3rd Year		
English 4th Year **		
P.E. 1st Year		
P.E. 2nd Year		
(or Sports)		
Get Focused Stay Focused/Health		
World History		
U.S. History		
Government/Economics		
Math 1st Year		
Math 2nd Year		
Math 3rd Year		
(Must Pass Algebra 1)		
Life Science		
Physical Science		
Visual/Performing Art OR Career Technical Education OR World Language (1st Year)		
** Complete Senior Project		

Grade 9

1. English _____
2. Math _____
3. Freshman P. E. _____
4. Get Focused Stay Focused/Health _____
5. Elective/Science _____
6. Elective _____
7. Elective _____
8. Elective _____

Grade 10

1. English _____
2. World History _____
3. Math _____
4. Science _____
5. PE/Elective _____
6. Elective _____
7. Elective _____
8. Elective _____

Grade 11

1. English _____
2. U.S. History _____
3. Math _____
4. PE/Elective/Science _____
5. Elective _____
6. Elective _____
7. Elective _____
8. Elective _____

Grade 12

1. English _____
2. American Gov't/Econ _____
3. Math/Elective _____
4. Elective _____
5. Elective _____
6. Elective _____
7. Elective _____
8. Elective _____

FOUR YEAR COLLEGE PLAN

(CSU/UC – Private /Out of State)

This plan is for students wishing to transition from high school directly to a four year college.

The “A-G” Requirements listed represent the minimum pattern of classes that must be completed for admission to a University of California or California State University Campus. This pattern typically meets the course requirements for private and public out of state colleges and universities. However, students are strongly encouraged to research those options and determine if there are additional requirements for the college/university of their choice.

Freshman admission to four year colleges is based upon a variety of factors that includes high school courses completed, grade point Average (GPA), school and community activities, work experience, demonstrated interest, recommendations and individual student hardship. Colleges may recommend/require test scores (SAT/ACT).

More selective Colleges/Universities

Examples - UC’s, Stanford, University of Southern California, CSU-Cal Poly San Luis Obispo and San Diego Campuses. These types of campuses typically select students whose pattern of courses significantly exceed the minimum “A-G” course pattern and include honors and/or AP courses. A rigorous senior year is also very important.

Grade 9

1. English 1
2. Math
3. Freshman P. E.
4. Science/Elective
5. World Language/Elective
6. Get Focused Stay Focused/Health
7. Elective
8. Elective

Grade 10

1. English II
2. World History
3. Math
4. Science/Elective
5. World Language/Elective
6. P.E./Elective ‡
7. Elective
8. Elective

Grade 11

1. English III
2. U.S. History
3. Math
4. Science/Elective
5. World Language/Elective
6. Elective
7. Elective
8. Elective

Grade 12

1. English IV
2. American Gov’t/Econ
3. Math/Elective
4. Science/Elective
5. P.E./Elective
6. Elective
7. Elective
8. Elective

CSU/UC “A-G” Requirements*

A - History: 2 years

- U.S. History **
- American Government ** (1 semester)
- World History** (required)

B - English: 4 years

- English I-IV **

C - Mathematics: 3 years/4 years recommended

- Algebra I
- Geometry
- Algebra II
- Transition to College Math, Trig/Intro to Calculus
- Calculus and Advanced Math Topics H
- AP Calculus A/B **

D - Laboratory Science: 2 years/3 years recommended

- Agriscience, Biology, Ag. Biology, Human Biology H **, Chemistry, AP Chemistry **
- AP Computer Science Principles**
- CDE Forestry and Natural Resource Mgmt.
- Physics, AP Physics **, AP Environmental Science **

E - World Languages: 2 years/3 years recommended

- Spanish 1, 2, 3, Spanish 3H**, 4, Spanish 4AP**

F - Visual or Performing Arts: 1 year

- Ceramics, Chamber Choir, Ensemble, Men’s and Women’s Chorus
- Theatrical Dance, Introduction to Design, Intro to Studio Art, Drama
- Drawing & Painting, AP Drawing**, AP 2-D Art & Design
- Floral Design, Guitar 2, Jazz, Symphonic & Concert Band
- Music Lab, Photography, Theatre Arts Set Design

G - College Prep Elective: 1 year

- Advanced Floral Design, Intermediate and Advanced Leadership
- Automotive Services, Automotive Technology, Competitive Debate
- Culinary, Creative Writing, Economics, CDE Environmental Horticulture
- Greenhouse Management, Get Focused Stay Focused, Health
- Online Multimedia, Principles of Manufacturing, Psychology
- AP Psychology**, Publication Design, Sports Medicine, Video Production.
- World Language, Sciences, and Math beyond required classes

* CSU/UC requirements alone do not meet NJUHSD graduation requirements.

** Honors and Advanced Placement classes are recommended for the UC System.

‡ 1 year P.E.

- Honors and Advanced Classes are recommended for the UC System.
- Fourth year of math is important for college bound students.
- UC/CSU requirements do not reflect NJUHS District graduation requirements.

Career Technical Education



CTE Class



AGRICULTURAL PATHWAYS

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 Future Farmers of America (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. Occupational experiences include small and large animal Nevada County Fair projects and extensive work experience projects. 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.

AGRICULTURE BUSINESS PATHWAY

AG GET FOCUSED STAY FOCUSED

Grade Levels: required for all 9th graders

1 Semester - Get Focused Stay Focused

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 /researched goals for their future. 1 Semester - Health

AGRICULTURE COMMUNICATIONS

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 2

Prerequisites: FFA officer or teacher recommendation

Agriculture communications is a one-year, repeatable elective course intended students who are interested in developing their leadership and communications skills. The Ag Communications course helps students acquire a broad understanding of a variety of leadership aspects, develop an awareness of the many career opportunities in agriculture, participate in occupationally relevant experiences, and work cooperatively with a group to develop and expand leadership abilities. Students study agriculture issues, careers and technologies; community service activities, oral/written communication and public speaking.

FLORAL DESIGN

See description under Visual Arts

CSU/UC "F"

ADVANCED FLORAL DESIGN

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 1

Prerequisites: Floral Design or Drawing and Painting A

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 to 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.

CSU/UC "G"

AGRICULTURAL MECHANICS PATHWAY

AGRICULTURE MECHANICAL SCIENCE I

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

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.

AGRICULTURE MECHANICAL SCIENCE II

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Agriculture Mechanical Science I or teacher consent.

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, tig welding and small engines. Time is allowed for construction of personal projects in the agriculture apprenticeship course.

SMALL ENGINES/POWER SYSTEMS

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Agriculture Mechanical Science I

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.

FABRICATION AND DESIGN

(Agriculture Mechanical Science III)

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 1

Prerequisites: Agricultural Mechanical Science I and II or teacher consent.

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 and consumer math skills. Basic math principles are taught through a series of individualized shop projects. Students will design and build Mechanical Science projects such as livestock equipment, outdoor furniture, trailers and truck beds.

METAL ART SCULPTURE

(Agriculture Mechanical Science IV)

Grade Level: 12

2 Semesters - Repetition for Credit: None

Prerequisites: Agricultural Mechanical Science I, II and Fabrication and Design or teacher consent.

This course emphasizes the rich Native American Indian, mining and cowboy cultures of the Old West. The class is based on individual student metal art sculpture projects.

Note: Material fee requirement

AGRI-SCIENCE PATHWAY

AGRI-SCIENCE CSU/UC "D"

Grade Levels: 9-12 PHYSICAL or LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Concurrent enrollment in Algebra 1 or Algebra C/D

This class combines an interdisciplinary approach to laboratory science and research with agricultural management principles. Using skills and principles learned in the course, students design systems and experiments to solve agricultural management issues currently facing the industry. Students will connect the products created in this class with industry activities to link real world encounters and implement skills demanded by both colleges and careers. The course culminates with an agri-science experimental research project. Students design and conduct an experiment to solve a relevant issue. Final projects will be eligible for Career Development Event competition at FFA events. Throughout the course, students will gain experience through leadership development, Supervised Agriculture Experience (SAE) projects and career exploration in the area of agriculture.

AGRICULTURAL BIOLOGY CSU/UC "D"

Grade Levels: 9-12 LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Concurrent enrollment in Geometry or teacher approval regardless of grade level.

Agricultural Biology is a one year, laboratory science course designed for the college-bound student with career interests in agriculture. Using agriculture as the learning vehicle, this course emphasizes the principles, central concepts, and interrelationships among the following topics: the molecular and cellular aspects of life, the life functions and interrelationships of plants and animals, focusing on growth and reproduction, genetics, animal behavior, animal and plant taxonomy, nutrition, health and disease and the ecological relationships among plants, animals and humans. Students will be involved in "hands-on" agriculture activities and projects.

ANIMAL SCIENCE PATHWAY

AGRI-SCIENCE CSU/UC "D"

See description under Agri-science Pathway

ANATOMY & PHYSIOLOGY OF ANIMALS LIFE SCIENCE

Grade Levels: 10-12 LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Animal Sci Industry, AG Biology, Biology, or teacher recommendation

This course is designed to prepare students with relevant knowledge and competencies associated with animal and plant science disciplines within agriculture. Students will analyze both the structure and function of living things, both animals and plants through specifically focusing on species used for agricultural production. This course will also provide a study of common diseases of both small and large animals, the causes and means of prevention. Emphasis is placed on mammals that are most important to human culture as we know it. Systems of focus include the skeletal, muscular, cardiovascular, integumentary, reproductive, immune and digestive systems. Students will do so through dissections, labs, simulations, research projects and hands-on experience. Students will be studying environmental changes, nutrition requirements and behavior. Due to the co-curricular nature of FFA (Future Farmers of America) and SAE (Supervised Agriculture Experience) students will be required to participate in both FFA and SAE, both of which are graded components of the course. Tests will be given regularly and students will be expected to participate in assignments, class discussion and other structured activities. Students will complete individual/group projects and long term assignments.

INTRO TO ANIMAL SCIENCE INDUSTRY LIFE SCIENCE

Grade Levels: 10-12 LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Any AG Science Class, Biology, or teacher approval

This course will provide the student with principles in Animal Science focusing on the area of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, genetics handling and breeds of livestock by species. Students will gain an understanding of each livestock species industry goals and production methods. This course is intended to successfully prepare those students who plan on majoring in Agricultural Sciences at a college or university. Frequent opportunities are given to develop and apply rational and creative thinking processes of observing, comparing, organizing, relating, inferring, applying and communicating. Also, there is an emphasis on developing values, aspirations and attitudes that promote the student's understanding of personal involvement with the scientific discoveries of the future. There are ample opportunities for hands-on class participation with animals in this class to enable students to demonstrate their knowledge of restraint, handling, behavior, etc. Additional emphasis will be placed on industry practices to include record keeping, public relations and communications.

FORESTRY AND NATURAL RESOURCES

PATHWAY

CDE FORESTRY & NAT. RESOURCE MGMT. CSU/UC "D"

See description under Ornamental Horticulture Pathway

SKILLS & SAFETY FOR NATURAL RESOURCE CAREERS I

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Prior or current enrollment in other Agriculture/ Natural Resources Pathway Courses or by instructor permission

This course teaches students skills that are required for success in outdoor natural resource management careers such as forest, wildlife, power, water, land, soil, range management as well as outdoor recreation and overlaps some skill sets required for firefighting and law enforcement. The training will cover preparedness for daily outdoor work, navigation/ map reading, long range communication, first aid and emergency preparedness, vehicle preparation and maintenance and safe operation.

SKILLS & SAFETY FOR NATURAL RESOURCE CAREERS II

Grade Levels: 11-12 PENDING

2 Semesters - Repetition for Credit: None

Prerequisites: Skills & Safety for Natural Resources Careers I

This course teaches student skills that are required for success in outdoor natural resource management careers such as forest, wildlife, power, water, land, soil, range management as well as outdoor recreation and overlaps some skills required for firefighting and law enforcement. The training will cover preparedness for daily outdoor work, navigation/map reading, long range communication, first aid and emergency preparedness, vehicle preparation and maintenance and safe operations.

ORNAMENTAL HORTICULTURE PATHWAY

CDE FORESTRY & NAT. RESOURCE MGMT. CSU/UC "D"

Grade Levels: 9-12 PHYSICAL or LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: None

The Earth's population continues to spike at a staggering rate. The demand for resources multiplies with the population therefore managing precious resources is more important than ever. Our precious woodland species not only supply us with aesthetic beauty but also play a valuable role in nature. Trees uphold a great deal of our wildlife's ecosystem while providing us humans with needed lumber, paper products, and even food. But these forests cannot protect themselves and depend greatly on humans for conservation.

Students will learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues.

CDE ENVIR. HORTICULTURE SCIENCE CSU/UC "G"

Grade Levels: 10-12 PHYSICAL SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Interest in agriculture.

CDE Environmental Horticulture offers hands-on experience in many areas of plant science. Students learn basic horticultural plant structures and functions, propagation methods, growing media and fertilizers, landscaping and pruning. Students gain an understanding of plant classification, anatomy, production and utilization, the study of plant diseases, their causes, nature and control, as well as pathogen biology are examined. Units in this course will also cover turf grass management, landscape design and irrigation systems. Students will learn to utilize environmental horticulture science principles as a relevant vehicle to learn biological principles and increase their ability to think analytically, problem solve, and utilize effective research practices.

GREENHOUSE AND NURSERY MANAGEMENT CSU/UC "G"

Grade Levels: 11-12 LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: CDE Agriculture Environmental Horticulture Science

An advanced class in ornamental horticulture. Students learn and apply skills in both operating and maintaining environments for correct plant growth. Labs and activities will have an emphasis on plant identification and control of agriculture pests and weed control, plant environments, soils medias, plant growth, plant propagation, transplanting and merchandising of ornamental plants. In addition, purchasing and inventory control, and safe use of nursery materials, supplies and equipment. Learners will also gain experience through leadership development, SAE (Supervised Agriculture Experience) projects, and career exploration in Horticulture/Natural Resource Management

AUTOMOTIVE SERVICES PATHWAY

BEGINNING AUTOMOTIVE SERVICES CSU/UC "G"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

Prerequisites: None

Designed to familiarize students with basic systems of contemporary automobiles, helps develop skills and related technical knowledge of automotive services necessary to meet job entry requirements with a strong base for continued education within the industry. Focuses on diagnosis and repair of basic systems including: engine performance, engine repair, auto maintenance, electrical systems, transmissions, drive lines, brakes and suspension. Hands-on, career based employment opportunities may include entry-level technician, auto parts and services sales person.

AUTOMOTIVE SERVICES II CSU/UC "G"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisite: Beginning Automotive Services OR Small Engines/Power Systems

This course is designed to build on knowledge of basic systems of a contemporary automobile. The class is designed to help the student develop the skills and related technical knowledge of automotive services necessary to meet job entry requirements with a strong base for growth and continued education within the industry. The course focuses on basic auto repair from bumper to bumper, and teaches students how to diagnose and repair basic systems including: engine performance, engine repair, automotive maintenance, electrical systems, transmissions, drive lines, brakes, and suspension. Designed for students that have successfully completed Beginning Automotive Services, this course should be taken by students interested in a hands-on career based curriculum. The course also serves as a prelude to Automotive Technology. Employment opportunities may include entry level technician, auto parts and service sales person.

AUTOMOTIVE TECHNOLOGY CSU/UC "G"

Grade Levels: 11-12

2 Semesters (2 period block) - Repetition for Credit: 1

Internship included: Yes. Students must provide their own transportation to class and training sites.

Recommended Preparation: Electronics, computer studies, shop/tech core classes.

Prerequisite: Auto Services and recommendation of instructor.

An advanced class in automotive technologies offers instruction in all eight A.S.E. (Automotive Service Excellence) areas, introduction to on-board computers and testing, smog control testing procedures, engine overhaul and automotive technologies. Internship opportunities may include: auto dealerships, automotive repair or body shops, retail parts businesses, machine shops, brake and front end shops, motorcycle repair shops or specialty shops. Employment opportunities may include automotive machinist's helper, engine specialist, auto technician apprentice, brake and front end specialist, auto body/paint apprentice, collision repair, parts and inside sales, and emission control technician.

CULINARY ARTS PATHWAY

+All CULINARY ARTS Students have the opportunity to receive College Credit for completing a class with a C or better through Dual Enrollment with Lake Tahoe Community College

BEGINNING CULINARY ARTS +CC CREDIT

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

Prerequisites: None

An introductory food and nutrition course. Students receive training in kitchen safety and sanitation, equipment and facility use, culinary math, knife skills, properties of ingredients, farm to table philosophies and food preparation techniques. All students will be trained in ServSafe and will also be educated in the many professions of the Culinary world. Students learn from a variety of experiences: frequent hands-on cooking labs, guest chefs, cooking competitions, videos, demonstrations, group projects and in-class reading assignments. Students cook several delicious dishes each week. Communication, interpersonal skills, time management and other job related skills are emphasized.

INTERMEDIATE CULINARY ARTS +CC CREDIT

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Beginning Culinary Arts

This intermediate course is for the serious student interested in furthering their culinary knowledge and skill. The curriculum builds on concepts introduced in Beginning Culinary Arts with continued emphasis on integrating academics and job-related practices. Advanced skills are developed through the units on culinary math, knife speed/accuracy, equipment utilization, sanitation, menu planning, large volume food production, standardized recipes, cost analysis, and modern/classical food preparation technique. Culinary applications include: stocks and soups, sauces, poaching, roasting, sautéing, braising, cold food preparation, cheese/garnishes, meats/fish, grains, legumes/pasta, appetizers, and an extensive unit on breads and desserts. The study of world cuisines will play a large role.

ADVANCED CULINARY ARTS +CC CREDIT

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 1

Prerequisites: Beginning and Intermediate Culinary Arts

This course will introduce students to the principles and practices of baking and pastry arts. Understanding baking requires a more scientific approach than cooking; therefore, there will be greater emphasis on food chemistry and science and scientific experimentation. Students will learn the broad range of basic baked goods including breads, rolls, pies, cakes, and cookies as well as be introduced to the concept of pastry arts by making puddings, fillings, dessert sauces, icings, mousses, bavarians, and other pastry preparations. Students will also have the opportunity to participate in both on/off campus internships via our Miner Diner and local restaurants.

RESIDENTIAL AND COMMERCIAL CONSTRUCTION PATHWAY

RESIDENTIAL AND COMMERCIAL CONSTRUCTION

Grade Levels: 9-12
2 Semesters - Repetition for Credit: None
Prerequisites: None

Overview of the building and construction trades sector, which emphasizes processes, systems, and the way in which structures are built. Course covers planning and design, building, safety, hand and power tool operation, applicable mathematics, blueprint reading, trade nomenclature, residential and commercial construction standards, construction manufacturing standards, and other specialized skills.

MACHINING AND FORMING TECHNOLOGY PATHWAY

INTRODUCTION TO DESIGN CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: None
Prerequisites: None

This introductory woodworking and technology course explores the relationship of a products form and function through the lens of a product designer. In this course, students will explore a number of tools that have the potential of transforming the way we create and bring ideas to life. Students will use woodworking, 3D printing, Computer Aided Design software, and laser cutters. Students will use these fundamental tools to design and build small furniture pieces, 3D printed sculptures, CO2 powered drag racing cars, and culminates with a student designed project.

PRINCIPLES OF MANUFACTURING CSU/UC "G"

Grade Levels: 10-12
2 Semesters - Repetition for Credit: 1
Prerequisites: Introduction to Design

In this course students are introduced to both the manufacturing process and the engineering behind product development. Students gain technical proficiency in the setup, programming, and operation of computer numerically controlled (CNC) manufacturing equipment, with an emphasis on the Haas control system. Students then setup and operate the machine to produce the finished part from raw material, using the program code they developed.

PATIENT CARE/SPORTS MEDICINE PATHWAYS

SKILLS FOR HEALTH CAREERS I CC CREDIT

Grade Levels: 9-12
2 Semesters - Repetition for Credit: None
Prerequisites: None

Introductory course 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 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. The course will incorporate a dual enrollment offering - Sierra College's ALH 20, which aligns with the career exploration portion of the course.

SPORTS MEDICINE 1-2 CSU/UC "G"

Grade Levels: 10-12
2 Semesters - Repetition for Credit: None
Prerequisites: Sports Medicine 1-1 or Skills for Health Careers

Students enrolled in Sports Medicine 1-2 will concentrate on prevention and care of athletic related injuries. Students will take what they learned in Sports Medicine 1-1 and delve into a more in depth look into the body and the injuries and illnesses that occur due to athletic activity. Students will have the opportunity to intern in various sports on the NU campus in a shadowing capacity with the possibility of actual hands on experiences.

ADVANCED SPORTS MEDICINE

Grade Levels: 11-12
2 Semesters (2 period block) - **Repetition for Credit:** 1
Internship Included: Yes
Prerequisites: Sports Medicine I & II

In this hands-on class, students will get experience with advanced athletic training procedures and techniques under the supervision of the instructor. Classroom instruction will build on concepts learned in the Sports Medicine class and will combine theoretical anatomy and physiology concepts with practical application. Student will be placed into internships either with sports teams or a physical therapy clinic. Future employment opportunities for students could include athletic training jobs, kinesiology careers, physical therapy, coaching careers and physical training careers.

PUBLIC SERVICE PATHWAY

INTRO TO CRIMINAL JUSTICE CSU/UC

Grade Levels: 9-12
2 Semesters - Repetition for Credit: None
Prerequisites: None

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.

VISUAL/COMMERCIAL ART PATHWAY

INTRO TO DIGITAL MEDIA

CSU/UC

Grade Levels: 9-12

PENDING

2 Semesters - Repetition for Credit: None

Prerequisites: None

This is an introductory, project-based course focusing on foundational skills in design, print, photo, video, and web-based applications. Students will explore foundational photography and design principles, and the creative role of visual communication through interaction in print, video, and web-based platforms. Students will learn a variety of industry-recognized digital software programs and techniques. Students will analyze the role of web design and social media in business advertising and marketing. Units focus on projects that allow students to design, build, create, or produce various digital media products that can be used on a variety of digital platforms. Students will also explore careers in this rapidly expanding industry sector. Upon completion, students will be able to apply basic digital media knowledge in concentrator and capstone courses in a chosen CTE Digital Media Arts specialization, including on campus student media and print or online publications, and in internships with industry professionals.

ONLINE MULTIMEDIA I

CSU/UC "G"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Intro to Digital Media or teacher approval

Students are exposed to a variety of multimedia journalism and types of writing that appear in newspaper, 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.

ONLINE MULTIMEDIA II

CSU/UC "G"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Online Multimedia I or Publication Design I

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 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.

PUBLICATION DESIGN I

CSU/UC "G"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Intro to Digital Media or teacher approval

This project-based course is designed to provide practical, specific journalistic experiences leading to 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 as well as substantial reading of expository sources and other materials that develop empirical skills, and rigorous training on written themes including body copy, interviewing, captions and headlines, plus visuals including photography and designing layouts. Students are expected to assume the responsibilities and self-discipline. Students learn to appreciate 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. Students will develop real-world skills such as meeting deadlines, teamwork, working with advanced and professional technology, communication skills and independent thinking skills.

PUBLICATION DESIGN II

CSU/UC "G"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Online Multimedia I or Publication Design I

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 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.

Humanities Academy

Grade Levels: 9-12

Prerequisites: None

The Humanities Academy is a program that allows students to take humanities courses (English, history, Spanish) in an academy setting. The goals of the Academy are to create close connections between students, teachers, parents, and the community; to give students more consistency in expectations and continuity in curriculum; and to use performance as a basis for assessment and evaluation. The Humanities Academy focuses on the acquisition of cultural knowledge, values, and wisdom essential for the well-rounded individual in the 21st century.

In Humanities, freshmen take English 1 and have the option of Spanish 1. Sophomores take English 2, World History, and the appropriate level of Spanish. Juniors take English 3, US History, and have the option of Spanish 2. Seniors take English 4 and Government/Economics. Honors and AP courses are available.

****Humanities requires two consecutive years of Spanish at some point over four years.***

This program is rigorous but is not just for college bound students. It was created for self-directed students who are serious about their education and who want some flexibility in their daily schedule and course work. The 9th and 10th grade programs will be primarily on campus, while the 11th and 12th graders will have core subjects on campus as well as opportunities to work on projects outside of the traditional classroom.

English

***All students must take 4 consecutive years of English: 9th, 10th, 11th and 12th grades.**

ENGLISH 1 CSU/UC “B”

Grade Level: 9
2 Semesters - Repetition for Credit: None
Prerequisites: None

This course emphasizes the improvement of writing skills through well developed compositions; effective oral communication through discussion and presentations; appreciation of literature through reading, analysis and interpretation; and beginning research skills to gather pertinent materials.

ENGLISH 1H CSU/UC “B”

Grade Level: 9
2 Semesters - Repetition for Credit: None
Prerequisites: None

This course is designed to challenge and enrich the levels of understanding of students identified for their superior level of English skills, critical thought and self-motivation. Students concentrate on development of multi-paragraph themes and detailed analysis of world literature. Students do not receive an extra grade point for grades earned in this course. Students not receiving a “B” or better at the semester may be moved to the regular English 1 class.

ENGLISH 2 CSU/UC “B”

Grade Level: 10
2 Semesters - Repetition for Credit: None
Prerequisites: English 1

English 2 is designed to reinforce the skills learned in English 1 and to further develop skills in reading, writing, listening, critical thinking and oral communication. Writing assignments emphasize the development of the longer essay. The literature includes the short story, the novel, poetry and drama with emphasis on world literature.

ENGLISH 2H CSU/UC “B”

Grade Level: 10
2 Semesters - Repetition for Credit: None
Prerequisites: English 1

English 2H is designed to challenge and enrich the levels of understanding of students identified for their superior level of English skills, critical thought and self-motivation. Students concentrate on development of the essay and detailed analysis of world literature. Students receive an extra grade point for this class.

ENGLISH 3 CSU/UC “B”

Grade Level: 11
2 Semesters - Repetition for Credit: None
Prerequisites: English 2

Students review the rules that enable them to write clearly and persuasively. The major sections of the course deal with essay-writing skills and reading and interpreting representative works of American literature.

ENGLISH 3H CSU/UC “B”

Grade Level: 11
2 Semesters - Repetition for Credit: None
Prerequisites: English 1 and 2

The English 3H program is designed to challenge and enrich the levels of understanding of students identified for their superior level of English skills, critical thought, and self-motivation. Students will concentrate on further development of the essay and detailed analysis of American literature. The University of California recognizes this class as an honors class and therefore adds one extra point in computing one’s G.P.A.

ENGLISH 4 CSU/UC “B”

Grade Level: 12
2 Semesters - Repetition for Credit: None
Prerequisites: English 3

This course is designed to provide students with reading and writing skills needed for post high school work. The focus is on refinement of the essay form, research skills, and a chronological study of British literature.

ENGLISH LITERATURE & COMPOSITION 4AP CSU/UC “B”

Grade Level: 12
2 Semesters - Repetition for Credit: None
Prerequisites: English 3, teacher recommendation and an interview. Incomplete summer reading assignment shall reflect zero credit for the assignment. Note: English 4AP is not limited to students who were previously enrolled in 3H.

The 4AP program is designed to challenge and enrich the level of understanding of students identified for their superior level of English skills, critical thought and self-motivation. Students will concentrate on further development of the essay, and detailed analysis of British literature. The University of California recognizes this as an honors class and, therefore, adds one extra point in computing one’s G.P.A. Students in English 4AP are encouraged to take the College Board Advanced Placement Test in May. Students who receive less than a B at the mid-semester may be moved to a regular English 4 class.

ELD ENGLISH 9-10

Grade Level: 9-10
2 Semesters - Repetition for Credit: Yes (maximum 20 credits)
This class emphasizes study and organization skills necessary for students to have academic success. The curriculum covered in this course will align with the appropriate grade level Language Arts Standards. This course counts as English credit toward graduation.

ELD ENGLISH 11-12

Grade Level: 11-12
2 Semesters - Repetition for Credit: Yes (maximum 20 credits)
This class emphasizes study and organization skills necessary for students to have academic success. The curriculum covered in this course will align with the appropriate grade level Language Arts Standards. This course counts as English credit toward graduation.

CREATIVE WRITING CSU/UC “G”

See description under Elective courses

SHAKESPEARE CSU/UC

PENDING

See description under Elective courses

Mathematics

ALGEBRA A/B EXTENDED

Grade Levels: 9-11

2 Semesters - Repetition for Credit: None

Prerequisites: Test scores and/or teacher recommendation.

The first year of this two-year Algebra 1 course is designed for students who need remediation in math skills including, but not limited to, the basic operations with whole numbers, fractions, decimals and percents.

ALGEBRA C/D EXTENDED

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Completion of Algebra A/B or Algebra 1A

This course is the 2nd year of the two-year Algebra sequence.

ALGEBRA 1

CSU/UC "C"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 1

(up to 20 Algebra credits total: may include Algebra A,B, C/D, Algebra 1)

Prerequisites: None

This first year algebra course is designed for students who already have a solid foundation in math and can handle, with confidence, all the basic operations with whole numbers, fractions, decimals and percents. Excellent study skills are essential for success in Algebra 1. Students need to pass both semesters of Algebra 1 with a grade of C or better to be eligible for Geometry.

AP COMPUTER SCIENCE PRINCIPLES

CSU/UC "D"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: High School Algebra 1

In this course, students will develop computational thinking skills vital for success across all disciplines such as using computational tools to analyze and study data, and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discussing and writing about the impacts these solutions could have on their community, society and the world.

FOUNDATIONS IN PERSONAL FINANCE

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: open to 11th and 12th grade students only who have successfully completed Algebra 1 (or equivalent or higher).

This course does not meet college admission requirements.

Entry-Level finance course designed to review basic math skills and their application in a consumer setting. Topics included are income, money management, spending, credit, savings and investing.

GEOMETRY

CSU/UC "C"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

Prerequisites: Completion of Algebra 1 with a grade of C or better each semester.

This is a course in plane Euclidean geometry. Students explore and study geometric figures and their properties. The focus of the course is mathematical reasoning: understanding deduction and induction, making conjectures, drawing conclusions, and formulating proofs.

ALGEBRA 2

CSU/UC "C"

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

Prerequisites: Completion of Geometry with C or better.

All the concepts from Algebra 1 are reviewed and further developed. More advanced topics including logarithms, probability, and conic sections are studied. Functions and their relationships to the real world are emphasized.

TRANSITION TO COLLEGE MATHEMATICS

CSU/UC "C"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Algebra 2

This course is for students who have completed Algebra 2 and do not feel confident about taking Trigonometry/Introduction to Calculus, or were not recommended by their Algebra 2 teacher to take Trigonometry. Upon completion of the course, students should be better prepared to pass the university screening examinations and will have more options open in college majors which require mathematics.

TRIGONOMETRY/INTRODUCTION TO CALCULUS

CSU/UC "C" OR "G"

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Algebra 2

This course includes a semester of trigonometry and such topics as series and sequence, exponents and logarithms, polynomial and rational functions, behavior of functions, and probability.

Students who earned a grade of C in Algebra 2 should give serious consideration to taking Transition to College Math instead of Trigonometry/Pre-Calculus.

CALCULUS AND ADVANCED MATH TOPICS H

CSU/UC "C" OR "G"

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: Trig./Intro to Calc. Students with a C or better are encouraged to take this class

This course will feature a semester of calculus. Functions, limits, derivatives, integrals, and tools such as analytic geometry needed to support such studies will be covered. In addition, the course will include a wide variety of problem solving activities and a review of many Algebra 2 and Pre-Calculus topics.

AP CALCULUS A/B

CSU/UC "C" OR "G"

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: Trig./Intro to Calculus

AP Calculus (AB - BC) is a study of Differential and Integral Calculus. This course includes material normally covered in a semester of college Calculus. The AP Calculus exam will be administered to all students at the end of the year. Students taking this course must complete a packet of work over the summer prior to the start of class. Students are expected to take the AP exam.

Performing Arts

Many classes require participation in after school performances.

INSTRUMENTAL MUSIC

CONCERT BAND

CSU/UC "F"

Grade Levels: 9-10

2 Semesters - Repetition for Credit: 3

Prerequisites: Ability to play a woodwind, brass or concert percussion type instrument.

This course is designed for freshmen who play or would like to learn to play school band instruments: flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, baritone, tuba, percussion. Sophomore musicians interested in learning to play a new instrument may enroll. Emphasis is on developing good tone quality, good music reading skills, proper breath support, developing technique, learning good intonation and good musical sound balancing skills. Students will perform the highest quality music literature available for their level. This literature is designed to increase understanding and appreciation of wind band music. This is a performance class. Students participate in 1-2 performances first semester and 2-3 performances second semester. These include school concerts, community events and band festival(s). This group performs at graduation. A spring tour may be arranged at the discretion of the instructor.

SYMPHONIC BAND

CSU/UC "F"

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Audition only

This course is designed for all 11-12 grade students. Emphasis is placed on developing tone, music reading skills, breath support, technique, intonation and musicianship to the highest degree of accomplishment possible. Students will perform the highest quality of music literature available for their level. This is a performance class. Students participate in 2-3 performances first semester and 3-5 performances second semester. These include school concerts, community events and band festival(s). This group performs at graduation. A spring tour may be arranged at the discretion of the instructor.

JAZZ BAND (BEFORE SCHOOL) CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: Audition for instructor and concurrent enrollment in Concert or Symphonic Band.

This course is for advanced instrumental music students who are enrolled in NU Concert or Symphonic Band and have passed an audition to be in the class. Students will learn the principles of jazz performance including; style, interpretation and improvisation. This is a performance class. Students will perform at least 2-3 times first semester and 4-6 times second semester. These will include school concerts, community events and Jazz Festivals. A spring tour may be arranged at the discretion of the instructor.

MARCHING BAND (AFTER SCHOOL)

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3, P.E. Credit grades 10-12
Prerequisites: Concurrent enrollment in Concert or Symphonic Band or permission of instructor.

This course is an intermediate/advanced level instrumental music performance class. Students learn marching fundamentals and advanced marching technique. Emphasis will be on providing music for football games (including halftime shows) and providing music at basketball games (boys and girls). The group will also attend community parades, field show competitions, winter percussion competitions and winter color guard competitions. This is an after school class for which the students will receive credit and a grade. A tour may be arranged at the discretion of the instructor.

MUSIC LAB CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: none
Prerequisites: None (beginners only)

*This course is offered for those wishing to learn to play **guitar**. No prior musical knowledge is required. The basics of playing a musical instrument will be covered, including reading music and rhythms, correct fingerings, good posture, correct technique, and instrument care. No new students will be accepted for the spring semester without the consent of the instructor.*

GUITAR 2 CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: Accepted by audition or successful completion of Music Lab

Guitar 2 builds upon the concepts, skills and techniques developed in Music lab (guitar 1). Guitar 2 will reinforce the 1st position major and minor chords and then further explore chord positions along the entire fretboard. Special attention to bar chord and power chord shapes, minor 7th and major 7th chords. Various colorful chords such as diminished, augmented, 9ths and 2nds will also be studied. Students will learn a variety of both traditional and rhythmically complicated strumming patterns as well as learn multiple fingerpicking patterns. Students will further develop skill in reading music notation, guitar tablature and music theory concepts. Students will do a deeper study of the history of the guitar, various composers and artists while studying the instrument's evolution in a variety of cultures. Throughout the course special attention will be given to learning various songs and each semester will culminate with a video and live performances.

DRAMA**BEGINNING DRAMA CSU/UC "F"**

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: None

This introductory course focuses on improving the skills of the beginning actor. Activities include improvisation, pantomime, voice and diction exercises, monologue presentations, the writing and performance of original scenes.

ADVANCED COMPETITION DRAMA A CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: Beginning Drama or permission of instructor.

Competition Drama focuses on contemporary and classical monologue, scene, and one-act performances as they apply to competition standards. Culminating work will be selected and performed for public showcases and at regional acting competitions. Outside of class work and performances are mandatory for admittance to this class. Some competition fees may be required.

ADVANCED PRODUCTION DRAMA B CSU/UC "F"

Grade Levels: 10-12
2 Semesters - Repetition for Credit: 3
Prerequisites: Audition or permission of instructor.

Production Drama will focus on all aspects related to the production of two full length plays to be presented to the general public. From acting to technical work to business considerations, students will learn and execute the tasks needed to bring a production from conceptualization to closure. After school work and rehearsals are mandatory for admittance to this class.

DANCE**BEGINNING DANCE FOR ALL ABILITIES (VPA) CSU/UC**

Grade Levels: 9-12
2 Semesters - Repetition for Credit: None
Prerequisites: None

An introductory level dance and movement course for students with special needs and/or physical disabilities, as well as general education students. This course offers performing arts elective credits. (or second year PE credit for grades 10-12) This accessible, inclusive course introduces students of all physical and cognitive abilities to a variety of movement styles. Students with moderate/severe special needs will be partnered with general education students to facilitate connection and collaboration in partnerwork. Students will also work together in small group choreography projects as well as whole class ensemble activities. All students will experience a fun, supportive, and uplifting dance workout that encourages movement discovery and freedom of expression without self-consciousness. Performance opportunities in the fall and spring dance concerts will be optional.

THEATRICAL DANCE 1 CSU/UC "F"

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: None

This course is designed to introduce beginning level dancers to a variety of styles, including ballet, modern, contemporary, jazz, hip hop, musical theatre, and cultural dance. Students will also receive monthly conditioning classes in Pilates and yoga. Students will develop technique and composition skills through in-class choreography projects. Public performances are not required; however, students may volunteer to participate. Choreography for performance in the fall and spring semesters will be taught in class, but additional staging and tech rehearsals after school will be required for students who choose to perform. Students will complete fitness and nutrition logs, live performance critiques, and dance journals. Students will need dance clothing in order to participate (dance clothing can be provided for students in need). Freshman can take beginning dance to fulfill performing arts credit since all freshman are required to take Freshman P.E. Sophomores, Juniors, and Seniors are eligible to take this class to fulfill the 2nd year P.E. credit.

THEATRICAL DANCE 2**CSU/UC "F"****Grade Levels:** 9-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** ACCEPTANCE ONLY BY AUDITION

The students in intermediate and advanced dance achieve a high level of skill development at a faster pace in multiple dance genres, including ballet, modern, contemporary, jazz, hip hop, and musical theatre. Students also have weekly conditioning classes in Pilates and yoga. This course is designed to prepare the high school dancer for further study in classical as well as contemporary dance at the college, conservatory, or university level. Students develop composition skills as well as cultural and historical appreciation of dance through choreography projects and performances. Students in intermediate and advanced dance are required to participate in the fall and spring dance productions. Therefore, after-school and weekend rehearsals will be necessary to prepare for the shows.

THEATRICAL DANCE PERFORMANCE ENSEMBLE CSU/UC "F"**Grade Levels:** 9-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** Must be concurrently enrolled in Advanced Dance; acceptance by audition only

Theatrical Dance Performance Ensemble builds upon the coursework and technique of Advanced Dance. Performance Ensemble will include rehearsals with multiple professional guest choreographers, conditioning classes in Pilates or yoga, student choreography projects, auditions and performance participation for multiple productions throughout the year. Students will be required to attend after-school rehearsals as well as some weekend rehearsals. Students will complete a yearlong portfolio project of research assignments related to career pathways in dance and the arts, performance critiques, and dance teaching methods.

CHOIR**MEN'S CHORUS****CSU/UC "F"****Grade Levels:** 9-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** None

Students in Men's Choir will learn and perform songs from a variety of musical styles. This course is for any student who thinks they would enjoy group singing and would like to learn how to use their voice and develop skills as a singer and musician. No prior experience or musical skill is required. This course strives to give students a positive and encouraging environment where they can explore their voice and learn to sing in harmony with others. This course is for any singer in the tenor, baritone or bass range

WOMEN'S CHORUS**CSU/UC "F"****Grade Levels:** 9-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** None

Students in Women's Choir will learn and perform songs from a variety of musical styles. This course is for any student who thinks they would enjoy group singing and would like to learn how to use their voice and develop skills as a singer and musician. No prior experience or musical skill is required. This course strives to give students a positive and encouraging environment where they can explore their voice and sing in harmony with others. This course is for any singer in the soprano or alto range.

ENSEMBLE**CSU/UC "F"****Grade Levels:** 10-12**2 Semesters - Repetition for Credit:** 1**Prerequisites:** Approval from instructor

The course is an intermediate to advanced level choir for treble range singers and is open to 10, 11 and 12 grade singers who are either soprano or alto. The objective of this class is to develop the singing voice through advanced repertoire and skill development, covering multiple musical styles and genre. This course strives to give students a positive and encouraging environment where they can explore their voice and sing in harmony with others.

MINERS' CHORUS**CSU/UC "F"****Grade Levels:** 10-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** Approval from instructor

The course is an intermediate to advanced level choir for tenor and bass range voices and is open to 10, 11 and 12 grade singers. The objective of this class is to develop the singing voice through advanced repertoire and skill development, covering multiple musical styles and genre. This course strives to give students a positive and encouraging environment where they can explore their voice and sing in harmony with others.

CHAMBER CHOIR**CSU/UC "F"****Grade Levels:** 11-12**2 Semesters - Repetition for Credit:** 3**Prerequisites:** Chosen by instructor and concurrent enrollment in Ensemble or Miners' Chorus.

The course is an advanced level choir and is open to 10, 11 and 12 grade singers. Students must also be enrolled in either Ensemble or Miner's Chorus and have prior experience singing in harmony. The objective of this class is to develop the singing voice through advanced repertoire and skill development, covering multiple musical styles and genres.

Physical Education

Freshmen must enroll in Physical Education. The physical education program has groups of units, four to nine weeks in length, offered at two levels - Freshmen PE and Upper Level PE for sophomores, juniors and seniors. Twenty credits of PE are required for graduation. In addition to Freshmen PE and Upper Level PE, students may enroll in classes such as dance, basketball, weight training, football, wrestling, baseball/softball, aerobics, moving for fitness, PEOPLE.

FRESHMEN P. E.**Grade Level:** 9**2 Semesters - Repetition for Credit:** None**Prerequisites:** None

The freshmen co-ed program introduces students to a variety of physical activities including, individual sports, aquatic dance and introduction to weight training and fitness. Emphasis is placed on evaluating personal fitness and setting goals for a healthier lifestyle.

AEROBICS**Grade Levels:** 10-12**2 Semesters - Repetition for Credit:** 2**Prerequisites:** Freshmen P. E.

Aerobics is a high energy, low impact workout designed to increase cardiovascular fitness, shape muscles and increase flexibility using a variety of music and equipment. Aerobics will be combined with an introduction to yoga, Pilates, body bars, Tabata and H.I.I.T.

ADAPTED PHYSICAL EDUCATION

In meeting the needs of all identified special education students in Physical Education, Nevada Union High School offers a program in Adapted Physical Education. The adapted program enables physically and/or developmentally challenged students to participate to their fullest potential. This class provides individualized activities to meet each student's needs and conditions under the supervision of an adapted physical education specialist.

BASEBALL/SOFTBALL P.E.**Grade Levels:** 10-12**2 Semesters - Repetition for Credit:** 2**Prerequisites:** Freshmwn P. E.

This course is designed to prepare the student for lifelong participation in competitive baseball or softball. Fundamental skills such as throwing, fielding, hitting, pitching, catching, infield and outfield play, and base running will be taught, practiced and refined.

BASKETBALL P.E.

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 2

Prerequisites: Freshmen P. E.

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 advance drills utilizing these skills.

COOPERATIVE SPORTS

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 2

Prerequisites: Freshmen P. E.

Cooperative Sports is an inclusive Physical Education class that supports all levels of physical abilities in a welcoming and safe environment which supports growth and confidence in an active lifestyle. This course can be taken for a 2nd year PE credit or an elective credit. In this course students with special needs will be paired with a partner to create a relationship of support and encouragement to work together in units of indoor and outdoor games, fitness activities, and aerobic activities. In addition to participating in games, students will create games that reach all students. In this class, students will experience success in physical games and exercises that will help them to maintain a healthy lifestyle.

BEGINNING DANCE FOR ALL ABILITIES (PE)

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 2

Prerequisites: None

“Beginning Dance for All Abilities” is an introductory level dance and movement course for students with special needs and/or physical disabilities, as well as general education students. This course can be taken for 2nd year PE credits or performing arts elective credits. This accessible, inclusive course introduces students of all physical and cognitive abilities to a variety of movement styles. Students with moderate/severe special needs will be partnered with general education students to facilitate connection and collaboration in partnerwork. Students will also work together in small group choreography projects as well as whole class ensemble activities. All students will experience a fun, supportive, and uplifting dance workout that encourages movement discovery and freedom of expression without self-consciousness. Performance opportunities in the fall and spring dance concerts will be optional.

DANCE 1

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: None

This course is designed to introduce beginning level dancers to a variety of styles, including ballet, modern, contemporary, jazz, hip hop, musical theatre, and cultural dance. Students will also receive monthly conditioning classes in Pilates and yoga. Students will develop technique and composition skills through in-class choreography projects. Public performances are not required; however, students may volunteer to participate. Choreography for performance in the fall and spring semesters will be taught in class, but additional staging and tech rehearsals after school will be required for students who choose to perform. Students will complete fitness and nutrition logs, live performance critiques, and dance journals. Students will need dance clothing in order to participate (dance clothing can be provided for students in need). Freshman can take beginning dance to fulfill performing arts credit since all freshman are required to take Freshman P.E. Sophomores, Juniors, and Seniors are eligible to take this class to fulfill the 2nd year P.E. credit.

DANCE 2

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Audition

The students in intermediate and advanced dance achieve a high level of skill development at a faster pace in multiple dance genres, including ballet, modern, contemporary, jazz, hip hop, and musical theatre. Students also have weekly conditioning classes in Pilates and yoga. This course is designed to prepare the high school dancer for further study in classical as well as contemporary dance at the college, conservatory, or university level. Students develop composition skills as well as cultural and historical appreciation of dance through choreography projects and performances. Students in intermediate and advanced dance are required to participate in the fall and spring dance productions. Therefore, after-school and weekend rehearsals will be necessary to prepare for the shows.

FOOTBALL/WEIGHT TRAINING

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Freshmen P. E.

This course is designed to help develop an athlete to his/her maximum potential by focusing on strength, explosiveness, agility, flexibility, and the ability to work at maximum output. Curriculum includes weight training, flexibility, agility and speed development.

MOVING FOR FITNESS

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 2

Prerequisites: Freshmen P. E.

A cardiovascular based fitness class. Activities include fitness games, circuit training, Stretching, walking and jogging/running. Students will also develop fitness through weight training. Students will assess their fitness level, set goals, and learn to set up a training program to reach their goals. Information on body image, nutrition and a healthy life-style. Complete a virtual 5k

PHYSICAL EDUCATION OPPORTUNITY IN A PARTNERED LEARNING ENVIRONMENT (P.E.O.P.L.E.)

Grade Levels: 11-12

Prerequisites: Freshmen P.E. and counselor recommendation.

This course is an option for upper level P.E. credit. Students earn a letter grade based on attendance, active participation and how well they work with assigned partner(s). The P.E.O.P.L.E. program has required trainings that apply to their work with students with special needs in P.E. and related subjects within the field of special education. A contract is required. There are limited assignments based on need.

UPPER LEVEL ACTIVITIES

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Freshmen P. E.

This course is designed to introduce students to more advanced skill development in the activities that they had during their freshmen year. Emphasis will be placed on developing skills for lifetime sports.

WEIGHT TRAINING & CONDITIONING

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: None

Students will be introduced to basic muscle anatomy, nutrition and exercise principles. The class will include instruction in proper and safe lifting techniques, aerobic conditioning, and development of personal fitness programs.

ADVANCED WEIGHT TRAINING & CONDITIONING

Grade Levels: 10-12

2 Semesters - Repetition for Credit: 3

Prerequisites: Current Athlete

Students will be introduced to basic muscle anatomy, nutrition, and exercise principles. The class will include instruction in proper and safe lifting techniques, aerobic conditioning, and development of personal fitness programs.

Science

EARTH AND SPACE SCIENCE

Grade Levels: 9-12 PHYSICAL SCIENCE

2 Semesters - Repetition for Credit: None

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.

This course fulfills a physical science graduation requirement.

CDE ENVIR. HORTICULTURE SCIENCE CSU/UC "C"

PHYSICAL SCIENCE

*See description under
Agri-science Ornamental Horticulture Pathway*

ENVIRONMENTAL SCIENCE (N.G.S.S)

Grade Levels: 9-12 PHYSICAL or LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: None

N.G.S.S. Environmental science is a course dedicated to understanding the interactions between Earth's natural systems (biosphere, hydrosphere, atmosphere, geosphere) and the demands placed on them by the human population. This course surveys the scientific principles behind natural phenomena and resource cycles and explores how we utilize these systems and our impact. Students will propose and evaluate potential solutions for the resulting consequences of resource mismanagement and exploitation. This interdisciplinary course includes elements of life science, physical science, and social science. Whenever possible, local and regional examples will be used as case studies and students will gain perspective on their place in our local ecosystem and on Earth.

FORENSIC SCIENCE

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: Passed one year of Science

Not sure science is for you? Forensic Science is the perfect course for you! Forensic Science applies multiple disciplines to solve crime. This hands on course will give you a taste of every science subject offered at NU. From soil examination, bone identification to ballistics, to name a few. This is a great course for students who are interested in science, crime shows or are just curious! This course satisfies one year of physical or life science and can be used to strengthen previously learned scientific concepts or introduce students to new scientific topics that they may choose to pursue.

LABORATORY SCIENCE COURSES

AGRISCIENCE

CSU/UC "D"

PHYSICAL or LIFE SCIENCE

See description under Career Technical Education

BIOLOGY

CSU/UC "D"

Grade Levels: 9-12

LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Completion of one year of Science with a B or better.

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

AGRICULTURAL BIOLOGY

CSU/UC "D"

LIFE SCIENCE

See description under Career Technical Education

ANATOMY AND PHYSIOLOGY OF ANIMALS CSU/UC "D"

See description under Career Technical Education

HUMAN BIOLOGY HONORS

CSU/UC "D"

Grade Levels: 10-12

LIFE SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Biology, Chemistry (May take concurrent)

This is an introductory course in human anatomy and physiology geared toward students interested in medical, veterinary, nursing, dentistry and many other biological fields. This course includes a significant lab section that will cover animal dissections which help students understand the principals and concepts used in anatomy and physiology. This course covers five main areas: organization of the human body systems; principles of movement and support; control systems of the human body; and maintenance and homeostasis of the human body. This is a rigorous course based on student's previous success with biology and chemistry. It is the next step beyond these two college prep courses. University of California recognizes this as an honors class and adds one extra grade point when calculating the GPA.

CHEMISTRY

CSU/UC "D"

Grade Levels: 10-12

PHYSICAL SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Completion of Biology with a "C" or better, and concurrent enrollment in Algebra 2.

This course is the study of the composition of matter and the changes which take place within the composition of matter. Approximately one-fifth of the class time is spent on laboratory work by students working individually. Students will learn to use the scientific method of critical thought processes to solve problems and analyze unsubstantiated statements.

AP CHEMISTRY

CSU/UC "D"

Grade Levels: 10-12

PHYSICAL SCIENCE

2 Semesters - Repetition for Credit: None

Prerequisites: Chemistry and Algebra 2 with a "C" or better and/or instructor's approval.

This course closely resembles a college general chemistry course. In addition to the knowledge received in Chemistry 1, students will cover advanced topics and complete quantitative and qualitative laboratory studies. Additionally, students completing this course may earn college credits by taking and passing the College Board Advanced Placement test. The University of California recognizes this as an honors class and, therefore, adds one extra point in computing the G.P.A.

AP COMPUTER SCIENCE PRINCIPLES  **CSU/UC "D"**

See description under Mathematics

AP ENVIRONMENTAL SCIENCE **CSU/UC "D"**

Grade Level: 10-12 **PHYSICAL or LIFE SCIENCE**
2 Semesters - Repetition for Credit: None

Prerequisites: Completion or concurrent enrollment in Chemistry.
This course is designed to introduce students to the basic principles, concepts and techniques of Environmental Science. All students will have the opportunity to develop a foundation in science preparing them to study any type of science in college, in addition to understanding science and its instrumental role in society. Students in this course are required to participate in field studies concerning local air, water and soil surveys of the Sierra Nevada Foothills. Students have the opportunity to participate in field trips to local mining sites, waste management plants, national forest retreats, local organic farms, etc.

CDE FORESTRY & NAT. RESOURCE MGMT.  **CSU/UC "D"**

PHYSICAL or LIFE SCIENCE

See description under Agri-science Pathway

PHYSICS **CSU/UC "D"**

Grade Levels: 9-12 **PHYSICAL SCIENCE**
2 Semesters - Repetition for Credit: None

Prerequisites: Algebra 1 concurrent
Physics is an introductory course to the study of the physical universe. In this course, students will investigate forces, motion, momentum, energy, gravity, electrostatics and electric current, waves, electromagnetic radiation, and nuclear physics. Students will conduct laboratory experiments regularly.

AP PHYSICS I **CSU/UC "D"**

Grade Levels: 11-12 **PHYSICAL SCIENCE**
2 Semesters - Repetition for Credit: None

Prerequisites: Algebra 2, Chemistry
AP Physics is an algebra-based course that provides an introduction to measurement, motion and kinematics, forces, energy, momentum and inertia, rotational motion, gravitation, waves and oscillations, and simple electrical circuits. 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.

AP PHYSICS II **CSU/UC "D"**

Grade Levels: 11-12 **PHYSICAL SCIENCE**

2 Semesters - Repetition for Credit: None
Prerequisites: AP Physics 1, concurrent enrollment in trigonometry recommended

AP Physics 2 focuses on the big ideas in the second course of introductory, algebra-based physics. Through inquiry-based learning, students develop critical thinking, reasoning, and problem-solving skills in cultivating understanding of physics and science practices in the topics of thermodynamics, fluid statics and dynamics, electrostatics, DC circuits, magnetism, optics, and nuclear physics.

Social Studies

ETHNIC STUDIES **CSU/UC "G"**

Grade Level: 9-12 **PENDING**

1 SEMESTER - Repetition for Credit: None
Prerequisites: None

This one semester course focuses on the experiences of African, Latinx, Asian, Native, and Arab Americans. This course will also include an identity unit in which students will consider concepts related to their own personal, group and/or national identity (e.g. race, ethnicity, gender, sexual orientation). Ethnic Studies focuses on themes of social justice, social responsibility, and social change. The course spans from past to present, including politics and social reform, allowing students to identify social patterns and universal qualities present in all ethnic/cultural aspects of society, including their own.

WORLD GEOGRAPHY **CSU/UC "G"**

Grade Level: 9-12 **PENDING**

1 SEMESTER - Repetition for Credit: None
Prerequisites: None

This is a semester course is designed to teach 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 with geographical and cultural analysis.

WORLD HISTORY **CSU/UC "A"**

Grade Level: 10

2 Semesters - Repetition for Credit: None
Prerequisites: None

Students in World History study major turning points of the modern world, the rise of democratic ideas, and develop an understanding of the historical roots of current world issues, especially as they pertain to international relations.

Students develop an understanding of the current world issues and relate them to their historical, geographic, political, economic and cultural contexts. Students consider multiple accounts of events in order to understand international relations from a variety of perspectives. This course is a graduation requirement.

AP WORLD HISTORY **CSU/UC "A"**

Grade Level: 10

2 Semesters - Repetition for Credit: None
Prerequisites: 3.5 G.P.A. is recommended. Students who plan on taking the course are responsible for picking up summer assignments from the instructor. **Once a student and parent commit to enrollment in any Honors or AP course, the student is required to remain in the class for the year.**

This course offers an approach that lets students "do history" by guiding them through the steps a historian would take in analyzing historical events and evidence worldwide. The course offers balanced global representing Africa, the Americas, Asia, and Europe. The University of California recognizes this as an honors class and adds one point when computing one's G.P.A.

U.S. HISTORY **CSU/UC "A"**

Grade Level: 11

2 Semesters - Repetition for Credit: None
Prerequisites: None

Students in U.S. History study the major turning points in 20th century American history. Following a review of the nation's beginning and the impact of the Enlightenment on U.S. democratic ideals, students build upon the tenth grade study of global industrialization to understand the emergence and impact of new technology and a corporate economy, including the social and cultural effects. They trace the change in the ethnic composition of American society, the movement towards equal rights for racial minorities and women, and the role of the United States as a major world power. This is a graduation requirement.

AP U.S. HISTORY **CSU/UC "A"**

Grade Level: 11

2 Semesters - Repetition for Credit: None

Prerequisites: 3.5 G.P.A. is recommended. Students who plan on taking the course are responsible for picking up summer assignments from the instructor. **Once a student and parent commit to enrollment in any Honors or AP course, the student is required to remain in the class for the year.**

This course includes an in-depth study of the history of the United States designed to challenge higher thinking students. Students will recognize significant events in U.S. History, demonstrate an understanding of the importance of geography and natural resources, and relate major characteristics and development of American political, governmental and legal systems. In the course of these studies, students will sharpen their abilities to analyze and interpret all of this information. The University of California recognizes this as an honors class and adds one point when computing one's G.P.A.

AMERICAN GOVERNMENT **CSU/UC "A"**

Grade Level: 12

2 Semesters - Repetition for Credit: None**Prerequisites:** None

The main purpose of American Government is to increase civic awareness and responsibility and the student's ability to function as a responsible citizen. Topics to be covered are the U.S. Constitution; federal, state and local government; comparative world governments; and the Administration of Justice.

AP AMERICAN GOVERNMENT **CSU/UC "A"**

Grade Level: 12

2 Semesters - Repetition for Credit: None

Prerequisites: 3.5 G.P.A. is recommended. Students who plan on taking the course are responsible for picking up summer assignments from the instructor. **Once a student and parent commit to enrollment in any AP or Honors course, the student is required to remain in the class for at least a semester.**

This course is designed to challenge higher thinking students with an in-depth study of the Constitutional underpinnings of American Government, the political behavior of citizens, political parties and interest groups, the institutions and policy processes of the national government, and the status and development of civil rights and civil liberties. The University of California recognizes this as an AP class and adds one point when computing one's G.P.A. Students must be enrolled in American Government AP/Economics for the year in order to receive the inflated grade point average for American Government AP.

ECONOMICS **CSU/UC "G"**

Grade Level: 12

1 Semester - Repetition for Credit: None**Prerequisites:** None

This course will enable the student to understand basic principles of economics and economic systems. Units of study include comparative economic systems, micro and macro economics, international economic systems, personal economics, investment portfolios and career economics. This is a graduation requirement. Successful completion of this course is a graduation requirement.

AP MACROECONOMICS **CSU/UC "G"**

Grade Level: 12

1 Semester - Repetition for Credit: None**Prerequisites:** None

The AP Macroeconomics course provides students with a thorough understanding of the principles of economics and how economists use those principles to examine aggregate economic behavior. Students learn how the measures of economic performance, such as gross domestic product (GDP), inflation, and unemployment are constructed, and how to apply them to evaluate the macroeconomic conditions of an economy. The course recognizes the global nature of economics and provides ample opportunities to examine the impact of international trade and finance on national economies. Various economic schools of thought are introduced as students consider solutions to economic problems.

Special Education

Special Education programs are designed to provide a special environment or assistance to students with diagnosed disabilities. Examples of some of the disabilities which can be accommodated through Special Education services are learning disabilities, speech and language disorders, visual and hearing impairments, physical disabilities, and emotional disorders. The general goal is to help students acquire the skills necessary to be successful in school, employment and the community. Eligible students participate in the mainstream education program to the maximum extent possible, with special education classes and supports provided, as necessary for success. Traditional and special education teachers work together to achieve this goal for students. Various models of collaboration are used to support individuals in regular education classes. Eligible students may enroll in special education classes to receive direct instruction in core academic areas and/or to receive support for regular education classes. Requests to determine eligibility for special education services should be made to your student's counselor.

Visual Arts

INTRODUCTION TO CERAMICS **CSU/UC "F"**

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None**Prerequisites:** None

This course will introduce the art student to ceramic techniques and material. Major emphasis will be on projects dealing with the various aspects of technical proficiency in clay. This course is designed to introduce techniques, foster art appreciation, and develop each student's artistic process. Students will receive VAPA standards-based instruction in all the Visual Arts and complete hands-on assignments.

ADVANCED CERAMICS **CSU/UC "F"**

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 2**Prerequisites:** Introduction to Ceramics

Students complete independent work under the supervision of the instructor using individually designed projects. Emphasis will be on the development of a unique style of work.

DRAWING & PAINTING A **CSU/UC "F"**

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None**Prerequisites:** None

A basic course designed to give students a broad and rich experience in the visual arts. Experience is based primarily on hands-on art making including drawing and painting skills and techniques. 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.

ADVANCED DRAWING & PAINTING C **CSU/UC "F"**


Grade Levels: 10-12

2 Semesters - Repetition for Credit: 2**Prerequisites:** 2 semesters Drawing & Painting A or permission of the instructor.

This course is designed for the serious, disciplined art student. The course focuses on exploring and incorporating the elements of art and principles of design. Increased advanced application of technical skill is expected. Class critiques and portfolio development will be emphasized throughout the term. This course will have opportunities for intense investigation into art creating techniques in a variety of materials.

AP DRAWING	CSU/UC "F"
Grade Levels: 10-12	
2 Semesters - Repetition for Credit: None	
Prerequisites: Drawing & Painting A	
<i>This course has been developed to accommodate students who have expressed an interest in completing either the AP® Drawing Portfolio Exam or the AP 2-D Design Portfolio. Therefore all content meets the requirements as stated in the student portfolio submission. Students will create 24 artworks in this class. They will discover personal directions, particular studio strengths, and visual ideation interests. Through a range of specific assignments, students will be involved with in-class assignments and the development of individual thematic portfolio pieces.</i>	

AP 2-D ART AND DESIGN	CSU/UC "F"
Grade Levels: 11-12	
2 Semesters - Repetition for Credit: None	
Prerequisites: Advanced Drawing and Painting C	
<i>AP 2-D Art and Design corresponds to college and university foundations courses. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, 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 may choose to submit any or all of the AP Portfolio Exams.</i>	

FLORAL DESIGN 	CSU/UC "F"
Grade Level: 10-12	
2 Semesters - Repetition for Credit: None	
Prerequisites: None	
<i>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. 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 displays are included in this course. 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. This course is hands-on and will allow students to design and create a variety of floral arrangements.</i>	

INTRODUCTION TO PHOTOGRAPHY	CSU/UC "F"
Grade Levels: 9-12	
2 Semesters - Repetition for Credit: None	
Prerequisites: None	
<i>This course stresses an integration of academic knowledge and practical learning through the making and viewing of photographs. The major objective will be to probe the “miraculous ritual” of photographic processes. Through demonstrations and hands-on projects students will learn the fundamentals of digital and darkroom photography, the elements and principles of photographic design and receive an introduction to aesthetics and digital media. Note: Student cameras recommended, not required. The school has cameras to borrow.</i>	

ADVANCED PHOTOGRAPHY	CSU/UC "F"
Grade Levels: 10-12	
2 Semesters - Repetition for Credit: 2	
Prerequisites: Introduction to Photography	
<i>This is an advanced program intended to lead to a professional approach to photography. Students will continue to develop and build upon the skills of individual perception and develop a fuller awareness of light, color and composition through the experience of photography. The primary goal will be to help the student develop an individual style and vision, and learn how students may give form to their vision. Assignments and activities will lead to discovering the interrelationship of the arts. Students are encouraged to produce work for sale and exhibit and enter contests and competitions. Note: Students will be requested to purchase materials. Students should have access to a camera. The school provides a few to borrow.</i>	

INTRODUCTION TO STUDIO ART	CSU/UC "F"
Grade Levels: 9-10	
2 Semesters - Repetition for Credit: None	
Prerequisites: None	
<i>Intro to Art Studio is a multimedia art course designed for Freshmen and Sophomores to explore various mediums and techniques to foster a lifelong appreciation for the arts. Course will incorporate drawing, painting, ceramics, photo, collage, print-making, art history, and other mixed mediums to gain experience utilizing a wide variety of art techniques. Art Studio offers students an opportunity to be creative and learn how making art can help promote mindfulness and provide positive ways to express themselves through art. This course provides the VAPA Standards-based instruction needed to advance to other Visual Art courses including: Drawing/Paint Workshop, Photography and Ceramics.</i>	

THEATRE ARTS: SET DESIGN	CSU/UC "F"
Grade Levels: 9-12	
2 Semesters - Repetition for Credit: 3	
Prerequisites: None	
<i>This is a one year course which engages the student in the development of the arts required to develop competency in the design and painting of sets for theatre, film and architectural application. This course of study will prepare students to execute both large and small scale environmental designs which are an integral part of theatrical set painting, special film effects and interior design. The core component of this class parallels the California Arts Framework and will meet the graduation fine art requirement. Meets the graduation fine art requirement for the CSU/UC.</i>	

TECH THEATRE	
Grade Levels: 10-12	
2 Semesters - Repetition for Credit: 3	
Prerequisites: Requires Instructor Approval	
<i>A hands-on course that focuses on theatric design. Learn the basics of design and how to draft to scale. This class is structured in a manner that matches current industry standards for Theatre Design and follows USITT standards. The drafting portion of the class does include math. This class is designed for students who may be interested in pursuing technical theatre or theatric design as a future occupation.</i>	

SPANISH 1 **CSU/UC “E”**

Grade Levels: 9-12

2 Semesters - Repetition for Credit: None

Prerequisites: None

Students begin work on the four skills required for learning a foreign language: listening, speaking, reading and writing. They will understand and produce the language, develop the four skills to meet survival needs in the classroom, react in a limited fashion in social situations, understand and answer in one sentence in oral and written form, and respond with some spontaneity to an oral question or situation. The content commonly includes: greetings, descriptions, sports, school, hobbies, time, weather, feelings and family relations. The Spanish culture is also taught. This course requires much memorization and daily preparation.

SPANISH 2 **CSU/UC “E”**

Grade Levels: 10-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Spanish 1

Students review skills acquired in Spanish 1 and expand their knowledge of grammar, listening, speaking and reading. The content commonly includes, among other topics, vocabulary and functions concerning meals, lodging, transportation and leisure activities. In grammar, students review present tense, learn the preterit and imperfect tenses, and respond to other grammatical signals. The content builds upon Spanish 1, expands the functions that students are able to carry out, and increases their awareness of the culture. Strong study skills required.

SPANISH 3 **CSU/UC “E”**

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Spanish 2

A special emphasis is placed on the development of oral proficiency and the mastery of grammar, vocabulary, and the further improvement of reading skills. This course refines oral communications, reading and writing through oral presentations, the reading of current print materials and other forms of literature and the writing of compositions, presentations, and other expository forms.

SPANISH 3H **CSU/UC “E”**

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Spanish 2

Spanish 3H offers an intensive, fast-paced course for the high-achieving student. The University of California recognizes this as an honors class and adds an extra point in computing one's G.P.A. A special emphasis is placed on the development of speaking, reading and writing through oral presentations, reading of authentic materials and writing of compositions in the target language.

SPANISH 4 **CSU/UC “E”**

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Spanish 3

Spanish 4 is an in-depth review of grammar through lectures, teacher generated work sheets, conversations, literature and compositions. An immersion in spoken Spanish in the classroom leads to an advanced level of proficiency. Students discuss, debate, provide and elicit information, and create language rather than depend on formulaic speech. There is a greater understanding of the culture through the advanced work that is done in this course.

AP SPANISH 4 **CSU/UC “E”**

Grade Levels: 11-12

2 Semesters - Repetition for Credit: None

Prerequisites: C or better in Spanish 3

Advanced Placement Spanish 4 emphasizes an in-depth study of grammar, intensive oral and listening comprehension practice, extensive reading of authentic Spanish language materials and writing composition. The class is taught entirely in Spanish. The main emphasis of this course is preparation for the Spanish Advanced Placement Test. The University of California at the CSU/UC systems add an extra point in computing a student's GPA.

AP COMPUTER SCIENCE PRINCIPLES  **CSU/UC “D”**

See description under Mathematics

CREATIVE WRITING **CSU/UC “G”**

Grade Levels: 11-10

2 Semesters - Repetition for Credit: None

Prerequisites: English 1 and 2

Students will write short stories and poetry while learning about and experimenting with narrative techniques such as characterization, point of view, dialogue, setting, and plot. Through analysis of prose and poetry, students will learn how to best include form, imagery, figurative language, and other literary elements into their own writing. The class will help them develop good writing techniques, as well as find their own style and voice. Students will be required to learn how to positively critique classmate's writings, as well as apply editing and revision techniques with their own pieces.

ETHNIC STUDIES **PENDING CSU/UC “G”**

See description under Social Studies

STUDENT LEADERSHIP

Grade Levels: 9-12

Elective Courses

2 Semesters - Repetition for Credit: 1
Prerequisites: Teacher approval.
Leadership is a class for students who are devoted to improving themselves, their school, and the role they play in creating culture in their community. Participants will be trained in team building, cooperative skill development, project planning and management, communication and discussion skills.

INTERMEDIATE LEADERSHIP **CSU/UC "G"**

Grade Levels: 10-12
2 Semesters - Repetition for Credit: 2
Prerequisites: Leadership Class, Link Leader Training or teacher permission
Intermediate Leadership combines high-level critical thinking, writing, and analytical skills with mentorship and entrepreneurial project experiences and implementation. Students will participate in research and evaluation, project planning and execution, as well as leadership and critical thinking-based activities in order to further develop these key skills in tandem with mentorship and counseling of fellow students. Students will learn vital theoretical lessons in the areas of interpersonal communications, diversity and inclusion, marketing, advertising, and pedagogy. Findings from these experiences will lead students to become empathic and responsible citizens who can apply their knowledge to larger-scale future projects as their ages, resources, and scopes increase. Students will be taught best practices in business development involving budgeting, marketing, target audience research, reporting, and pitching ideas for their leadership projects; subsequently, students will implement these concepts as they craft and execute their events, projects, and presentations. This class will require students to synthesize information obtained in core classes as well as work both individually and collaboratively.

ADVANCED LEADERSHIP **CSU/UC "G"**

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 1
Prerequisites: Student Government Positions
This class is designed to teach leadership skills and governmental structure which ultimately enhances school pride, spirit and culture as well as the student's individual knowledge of a working government. The class will focus on standards designed by the California Association of Directors of Activities and Common Core State Standards, including public speaking, written communication, service learning, presentation skills, community service, government hierarchy, procedures and elections, personal and social development, goal setting, group dynamics, business marketing, finance accounting, advertising, business law and research while positively impacting the entire student body.

LIBRARY SCIENCE **CSU/UC**

Grade Levels: 9-12 PENDING

2 Semesters - Repetition for Credit: 2
Prerequisites: None
This library & information science course offers students both a broad introduction to libraries as well as a specific, in-depth knowledge of their own school library. Students will delve into the history, types, and current state of libraries, and organizational systems of libraries. On a more personal level, students will learn information skills such as the location, evaluation, and use of varied library sources. They will actively participate in the hands-on operation of their school library through the circulation of materials, organization and maintenance of the collection, marketing resources to patrons, and provision of customer service functions. The collective experiences of this course will provide students with valuable real-life experience, practical job skills, and familiarity with library resources that will serve them well throughout their education and beyond.

PSYCHOLOGY **CSU/UC "G"**

Grade Levels: 10-12
2 Semesters - Repetition for Credit: None
Prerequisites: None
This course is an introduction to basic psychological concepts with the intent to help the student better understand himself/herself and others. In addition to increasing critical thinking skills students will be introduced to the systematic and scientific study of the behavior and mental process of human beings and other animals. This course is an approved college preparatory elective.

AP PSYCHOLOGY **CSU/UC "G"**

Grade Levels: 11-12
2 Semesters - Repetition for Credit: None
Prerequisites: 3.5 G.P.A. is recommended. In addition, a teacher recommendation may be used by the instructor if appropriate. There is no summer reading assignment. **Once a student and parent commit to enrollment in any Honors course, the student is required to remain in the class for at least a semester.**
The purpose of the Advanced Placement course in Psychology is to introduce students to the systematic and scientific study of the behavior and mental process of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. The goal of AP Psychology is to provide qualified students who wish to complete studies in high school equivalent to an introductory college course of Psychology. The five content domain areas are Methods, Cognitive, Biophysical, Developmental, and Social-Emotional.

NFL COMPETITIVE DEBATE
(National Forensics League) **CSU/UC "G"**

Grade Levels: 9-12
2 Semesters - Repetition for Credit: 3
Prerequisites: B in a previous English class or teacher recommendation.
This course is designed for students interested in testing their speaking skills in the National Forensics League. Special emphasis is given to the Policy Debate format, where students test their analytical skills of reasoning, research and persuasion, competing in teams of two. This course is on the list of approved college preparatory English electives.

MULTIMEDIA SOUND PRODUCTION **CSU/UC**

Grade Levels: 9-12 PENDING
2 Semesters - Repetition for Credit: 3
Prerequisites: None
The Multimedia Sound Production Course is built on the notion that one's ability to absorb and adapt to ever-changing technology is dependent not only on the capacity to think critically, but also on a foundational understanding of digital and analog audio systems from an acoustical, electrical, and signal flow perspective, balancing new state-of-the art techniques with an understanding of historical context. Each unit sequentially leads to a summative, end-of-year, capstone project. Further, we know that reinforcing this knowledge with substantial hands-on project time, using professional equipment, is the only way to attain the technical facility necessary for a real career involving music technology. Therefore, we emphasize hands-on production projects in a professional recording environment.

SHAKESPEARE **CSU/UC**

Grade Levels: 10-12 PENDING
2 Semesters - Repetition for Credit: None
Prerequisites: None
This is an overview of Shakespeare course that is appropriate for any motivated student in grade 10-12. Students will read and analyze plays and poems, do writing responses, and compare modern remakes of the bard's works.

VIDEO PRODUCTION **CSU/UC "G"**

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 1

Teaches the foundations of video production and broadcast live streaming. Students will develop their visual skills through training and practice in camera operation, video editing, video composition, lighting and audio equipment operation, and screen writing. Students work in teams to create a wide variety of video projects in a fast paced exciting hands on environment. Though targeted film screenings, scoreboard production, and group discussions, students will present and analyze the language of cinematic communication. Emphasis will be placed on the technological, scientific and historical underpinnings of all the core cinematic disciplines of writing, cinematography, sound and lighting.

WORLD GEOGRAPHYPENDING **CSU/UC "G"**

See description under Social Studies

Non-Departmental

GET FOCUSED STAT FOCUSED/HEALTH**CSU/UC "G"**

Grade Levels: required for all 9th graders

1 Semester - Get Focused Stay Focused

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 /researched goals for their future.

1 Semester - Health

Open periods are available to juniors and seniors who meet the minimum graduation requirements. See school counselor for required open period contract.

PARTNERS

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 1

Prerequisites: None

Partners who are placed in the Special Day classroom will work alongside one or more Special Day class students each day, assisting them in completing their daily tasks. Depending on the period, peer Partners will have the opportunity to work with students in the Special Day classroom, or in elective classes. Partners will have the opportunity to work one on one, and in a small group setting with a variety of students. Partners will have training from classroom support staff on procedures and guidelines regarding specific students. Ongoing support and mentorship will be provided to partners throughout the semester from the Partners/PEOPLE coordinator during Flex one time per month.

PEER TUTORING

Grade Levels: 11-12

2 Semesters - Repetition for Credit: 1

Prerequisites: Minimum of 2.5 GPA in curricular area. Recommendation of the student's counselor.

Once Peer Tutors have received their training, peer tutors will be expected to provide one-on-one and small group assistance in a specific area of the curriculum. The majority of time each week will be spent on these types of activities. Students may also apply for office positions. Students receive a letter grade. Contract mandatory.

Grade Levels: 9-12

2 Semesters - Repetition for Credit: 3

Prerequisites: None

Study Hall is designed to enhance and improve the study skills of all students. The course requires students to actively participate in the planning and completion of assignments and projects for their other classes. Students receive a Pass/Fail Grade.

SUPPORT CLASS

ENGLISH SUPPORT

Grade Level: 9-12

2 Semesters - Repetition for Credit: 1

Prerequisites: Teacher approval

English Support is designed to enhance and improve the reading achievements of identified struggling readers and to support students in their concurrent English classes. The course will involve the application of active reading strategies, vocabulary development, pre-teaching, re-teaching and reinforcement of concurrent English class skills and support for written language including essay writing and grammar development.

OPEN PERIOD

Grade Levels: 11-12



Shaping
Experiences Today,
Guaranteeing
Success Tomorrow

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