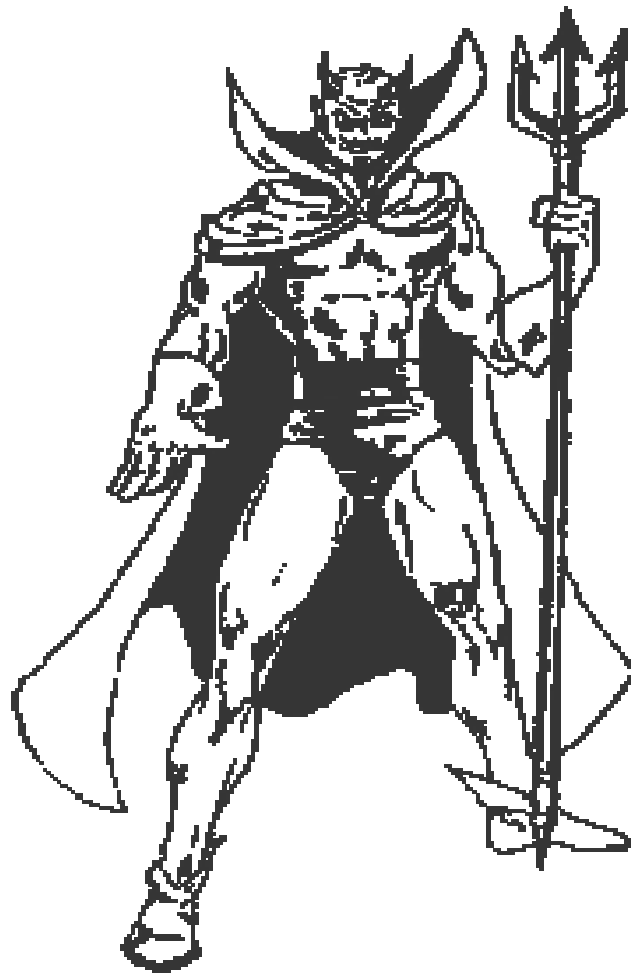


**Grand County High School
Course Description Book**



2009-10

GENERAL REGISTRATION INFORMATION

REGISTRATION PROCEDURE:

All students grades 8-11 will choose classes and fill out a registration form in a scheduled SEOP meeting. Parents will be invited to the meeting to help their student pick appropriate classes. During this meeting students will receive information about:

- High school graduation requirements
- College admission requirements
- The course content of all classes offered
- The development of an appropriate schedule of classes for the following years based on graduation requirements, individual interests and career goals

In the spring, students will meet with their advisors to finalize their registration form. Changes can be made to their registration form at this time. A Program of Studies Booklet, which specifies requirements and course descriptions, will be available for students to make decisions. At the end of the registration process, the student will turn in a corrected registration form to their advisors.

STUDENTS SHOULD BE CAREFUL IN THEIR SELECTION OF CLASSES. IF STUDENTS RECEIVES THE CLASSES THEY ASK FOR, AND THEN REQUEST A SCHEDULE CHANGE THEY WILL BE CHARGED \$10.00.

Courses are not offered on a trial basis. Students should expect to remain in their chosen courses for the entire year. Credit is awarded on a trimester basis. The majority of academic courses offered are for two trimesters. Successful completion of a trimester course earns one-half (.5) unit of credit. A student earns one (1) unit of credit for a two trimester course and earns one and one-half (1.5) credits for a three trimester class. Driver Education is offered before school for one-fourth (.25) unit of credit.

Failures in a class must be made up in a correspondence course, through the Electronic High School, through the Credit Recovery Packets, or by retaking the class. The cost is \$50 per .5 credit for retaking a class or doing credit recovery packets.

POST HIGH SCHOOL EDUCATIONAL PLANNING

PLEASE KEEP IN MIND THAT THERE ARE EXCEPTIONS TO NEARLY EVERYTHING WRITTEN IN THIS SECTION. THESE ARE GENERAL NOTES ONLY. CHECK SPECIFIC SCHOOL CATALOGS FOR EXACT DETAILS.

Your post secondary education may be pursued in many ways. It may be on- the-job training for which you have prepared in our applied technology programs, or you might obtain a useful professional skill in the military. There are non-degree certificate programs such as aircraft mechanics or cosmetology. Then there are two-year (associate degree) and four-year (bachelor degree) college programs.

Generally speaking, it is best to focus on your career goals first, and then to investigate the training required to give you the best advantage for securing employment in that field. Our faculty and guidance staff, as well as your parents or guardians and other adults in your life can be of help here, but YOUR active “seeking” will prove to be the key. Seek out people and resources. Only YOU can shape your future.

While our vocational programs can prepare you very well for many jobs, such as secretarial and auto-mechanics, further post secondary education will often give you a decided edge over your competition in the job market. The same is true for other occupational fields. While you can obtain a good business training in a two-year associate degree program, your competition may have a four-year bachelor degree in business. Sheer numbers of post high school years alone will not be the sole criterion for your future job security. Variables such as personality, reliability, and experience play very important roles. However, with all else equal, post secondary training may well tip the scale on your behalf. On the other hand; there are many job positions, such as teaching, which have absolute and specific degree requirements.

For many high school students, reality is that they will enter their senior year of high school not yet sure of their specific career goals. Do not let uncertainty hold you back.

As many as eighty-percent of four-year college students change their major at least once before the end of their sophomore year. The first two years of a four-year college program are often taken up with many of the college’s core course requirements. Changes of majors in many cases will result in few, if any, credit losses. Two-year and shorter certificate programs are less flexible as they are very training-specific from the start.

There are two general sets of considerations for admissions to post secondary programs: 1.) What you need to gain admission and 2.) What you need to prepare you for success once you are admitted to the program. For example, while you may only need an Algebra I and geometry course to gain admission to a college, a check of that college’s catalog may well reveal that your first year of college math will be calculus. If you identify this soon enough, you can plan your high school math courses so that you not only get into college, but are well prepare to succeed. Most certificate programs may only “require” a high school diploma for admissions. However, many programs will have recommendations for successful preparation, e.g., cosmetology schools suggesting chemistry and a technical school recommending advanced college-prep, math courses.

We cannot emphasize enough that admission requirements for two- and four-year colleges vary greatly. Check College catalogs as early as your freshman year to be sure that you have the recommended courses. If you are unsure about your post secondary plans, but feel as though college is a likely option, try to stick with the frill college-prep recommendations as outlined on the following page. College, certificate programs, and military service representatives visit our school regularly. Seniors and interested juniors should listen carefully for the announcements of these visit dates, and should sign up in the guidance office a week in advance.

TAKE AN ACTIVE ROLE IN SHAPING YOUR FUTURE

THE FOLLOWING SHOULD BE VIEWED AS VERY GENERAL GUIDELINES.
CONSULT INDIVIDUAL SCHOOL CATALOGS FOR THEIR SPECIFIC ENTRANCE REQUIREMENTS.

* Entrance requirements for **most highly selective** colleges:

- 4 years of English
- 4 years of college prep. math
- 3 years of lab-science, preferably biology, chemistry, physics, or A.P. chemistry
- 3 years of social studies
- 3 or more years of a foreign language

* Entrance requirements for most competitive colleges:

- 4 years of English
- 3 years college-prep, math
- 3 years of science: earth science biology, and then chemistry or physics
- 3 years of social studies
- 2 years of a foreign language

* Entrance requirements for most two-year technical colleges:

- 4 years of English
- 3 or more years of college-prep, math
- 3 or more years of science, including
- A course in chemistry and physics

* Entrance requirements for most two year junior colleges:

- 4 years of English
- 2 or more years of college-prep. math, including geometry (many applied technology programs are now looking for three and even four years of college-prep. math)
- 1 year of lab science, preferably a course in biology and chemistry or physics.

College bound juniors should be sure to sign up for the P.S.A.T. at the beginning of their junior year and register for the April ACT. College bound seniors can take or retake the ACT in October and then again in December to try to improve their scores.

Students should begin to look into financial aid during the end of their junior year and, as seniors, should be very attentive to financial aid deadlines. The financial aid night is a must for those interested in financial aid.

SEQUENCE OPTIONS

The Program of Studies is designed to help you in selecting courses appropriate to your goals. There may be some changes in the course offerings as Administration, Guidance, and Faculty determine the needs of the student body and make appropriate schedule and course adjustments. The sample program sequences are offered to assist students in planning their high school academic programs. Please keep in mind that the program sequences on this page and the next are merely samples. Cross-over is allowed and, in fact, encouraged where appropriate.

SAMPLE PROGRAM SEQUENCES

COLLEGE PREP SEQUENCE

Grade 9

Honors English 9
Algebra I or Geometry
Integrated Earth Science
Geography
Computer Technology
Skills and Techniques
Spanish I/French I
Fine Art

Grade 10

Honors English 10
Geometry or Algebra II
Biology
World Civ
Fit for Life
Spanish II/French II
Fine Art! Word Proc I

Grade 11

Honors English 11
U.S. History
Algebra II or Trigonometry
Chemistry
Lifetime Act/Chem Lab
Spanish III/French III
Fine Art
Multimedia Design or other
Applied Technology Class

Grade 12

A.P. English 12
Government/Psych
Trigonometry or Calculus
Physics or Human Biology
Spanish IV
College Classes

BUSINESS-RELATED SEQUENCE

Grade 9

English 9
Algebra I or Geometry
Integrated Earth Science
Geography
Computer Technology
Teen Living
Skills and Techniques
Fine Art

Grade 10

English 10
Geometry or Algebra II
Biology
World Civ
Fit for Life
Business Econ/Fine Art
Spanish I or Elective

Grade 11

English 11
U.S. History
Algebra II
Science
Spanish II
Multimedia/Lifetime Act
Bus. Web Design/Accounting
Fine Art

Grade 12

English 12
Government/Current Event
Math/Soc. Studies/Science
Fin. Literacy/Multimedia
Electives

APPLIED TECHNOLOGY SEQUENCE

Grade 9

English
Basic Algebra/Algebra I
Integrated Earth Science
Geography
Computer Technology
Skills and Techniques
Foods or Clothing/TeenLiv
Fine Art

Grade 10

English 10
Algebra I / Geometry
Biology
World Civ
Fit for Life/Fine Art
Beg. Woods or Basic Auto
Career Exp / Elective

Grade 11

English 11
U.S. History
Science
Math
Lifetime Activities
Build. Trades or Adv. Auto
Fine Art/Applied Tech
Specialty

Grade 12

English 12
Government
Soc. Studies/Science
Applied Tech Specialty
Elective choices

CREDITS FOR GRADUATION

GRADUATION CREDITS

Grand County High School students are required to earn a minimum of **26 credits** in order to graduate. As part of these 26 credits, students are required to earn credit in the following subject areas:

Subject Areas	Credits
English	4.0
Math	2.0 (3.0-2011)
Social Studies*	3.0
Science *	2.0 (3.0-2011)
P.E.	1.5
Fine Arts	1.5
Health	0.5
Applied Technology	1.0
Financial Literacy	.5
Computers	.5

*In social studies all students must earn credits in Geography (.5), World Civ(.5), U.S. History (1), and Government (.5).

*The science requirement is satisfied by earning one credit from two of the following areas and one additional credit:

- Earth Science
- Biological Science
- Physics
- Chemistry

GRADE REPORTING

Grades are issued four times a year as follows:

Trimester 1	November
Trimester 2	March
Trimester 3	June

Progress Reports

To promote communication with parents about student performance, teachers issue interim progress reports halfway through each trimester. Progress reports are mandatory for any student in danger of failing, or whose performance has markedly declined.

Honor Roll

An Honor Roll is prepared and published at the end of each marking period. Students must be enrolled in four graded classes to be placed on the honor roll. The three levels of honor are:

4.0 Honor Roll	4.0 GPA
High Honor Roll	3.5-3.99 GPA
Honor Roll	3.0-3.49

Grade Equivalents

- A-90 and above
- B-80 and above
- C-70 and above
- D-60 and above
- F-below 60

PROMOTION REQUIREMENT

In order to be considered a member of the next grade you need to have earned a specific number of units of credit:

Graduation	26
Senior	18.5
Junior	13
Sophomore	6

APPLIED TECHNOLOGY

AUTOMOTIVE DEPARTMENT

Consumer Auto

Term: 1 trimester

Open to Grades: 9-12

Prerequisites: None

This course covers routine automotive maintenance/service, roadside/emergency situations, and an overview of basic automotive systems. This will allow the students taking this course to make informed decisions and requests at repair shops and parts distributors safely take care of roadside situations and a general knowledge about their motor vehicle.

Basic Automotive Technology

Term: 3 trimesters

Open to Grades: 10-12

Prerequisites: None

This course will emphasize safety standards set by OSHA use and understanding of basic hand tools, shop equipment, precision measuring instruments, and mathematical equations and conversions related to the automotive field. Hands-on operation and theory of basic automotive systems such as brakes, steering and suspension, basic engine theory and systems will be covered.

Advanced Automotive Technology

Term: 6 trimesters

Open to Grades: 11-12

Prerequisites: Basic Auto

This program is involves a sequence of courses that prepares individual to engage in the servicing and maintenance of all types of automobiles. The courses each one trimester long will include:

- Steering and Suspension
- Manual Drive Train
- Electrical
- Brakes
- Engine Performance and Repair
- AC Service

BUSINESS & MARKETING DEPARTMENT

Accounting I

Term: 1 trimester
Open to Grades: 11-12
Prerequisites: None

Students will develop skills beginning with an understanding of the basic elements and concepts of double-entry of the accounting systems. Skills will include knowledge of the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and payroll systems, and writing and communication examples.

Accounting II

Term: 1 trimester
Open to Grades: 11-12
Prerequisites: Accounting I

Students will use computer based accounting programs such as Quicken to use skills learned in Accounting I, including a knowledge of the accounting cycle, entering transactions in journals, posting to ledgers, compiling end-of-period worksheets, adjusting and payroll systems, and writing and communication examples.

Business/Economics

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course seeks to develop sound management skills within students, as management plays a role in any future employment opportunity. Students are able to analyze, synthesize, and evaluate data from the other functional areas of business (e.g., marketing, finance, accounting, and production) as well as focus on managing one's time and the time and talents of others. Effective management requires decision-making abilities, long-range planning knowledge, human relations expertise, and motivational skills. Students learn leadership skills and are able to select appropriate management styles. Finally, students are taught current technological applications and the effect international trade has on management style and decisions.

Financial Literacy

Term: 1 trimester
Open to Grades: 12
Prerequisites: None

Personal Finance is a course designed to enable students to understand and implement positive financial strategies in their current lives and more specifically in the future.

The following areas will be covered:

- Consumer purchasing
- Banking
- College/Post Secondary financing methods
- Consumer credit

- Real estate
- Investing
- Tax Strategy
- Insurance
- Careers in Finance

Business Law

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: None

Students will gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary. The course will include an understanding of the court system at the local, state, and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations. As a culminating project, students will participate in one or more mock trials.

Marketing

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: None

Marketing is an introductory course which will teach the concepts of entry-level business and marketing functions. Students will gain an understanding in marketing and business fundamentals, selling, financing, product/service planning, information management, purchasing, distribution, pricing, promotion, risk management, career development, economics, communications, human relations, marketing math, and marketing operations.

Travel and Tourism

Term: 1 trimester

Open to Grades: 11-12

Prerequisites: none

The Travel and Tourism course provides you with an understanding of one of the largest industries in the world. The focus starts out by looking at the evolution of the tourism industry – (starting with the local Moab area) and then branching out with a look at the industry throughout the world. Some concepts and topics that will be covered are: destination geography, airlines, international travel, cruising, travel by rail, car rental, lodging, hospitality and the travel agency business.

FAMILY AND CONSUMER SCIENCE DEPARTMENT

Child Development

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: None

This course provides students with an understanding of the aspects of human growth and development. Parenting skills are developed as positive guidance techniques and child-related issues are studied. Learning activities, observation techniques, and lab experiences in working with young children may be included. Student leadership (FCCLA) may be an integral part of the course.

Clothing I

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques, and techniques for constructing edge finishes. Student leadership (FCCLA) may be an integral part of this course.

Clothing II

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: Clothing I

This course introduces students to basic sewing, serger, and pressing equipment, reviews the types of fabric construction, makes an intermediate level project using correct construction techniques. Student leadership (FCCLA) may be an integral part of this course.

Food and Fitness

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life style. Attention will be given to the selection and preparation of food and personal health and well-being.

Advanced Food and Fitness

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: Food and Fitness

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food and personal health.

Interior Design I

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course enables students to explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are housing choices, area planning and careers. FCCLA may be an integral part of this course.

Interior Design II

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: Interior Design I

This course provides students the opportunity to develop skills in applying the elements and principles of design to interiors. Projects are integrated throughout the course to provide applications as the students study: architecture, furniture styles and constructions, surface treatments and backgrounds, design and function of space and lighting. FCCLA may be an integral part of this course.

Teen Living

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course helps students understand and cope with personal, family, and social challenges. Emphasis is placed on communication, decision-making skills, and building stable relationships with family and peers. Critical issues which impact teenagers including: self-concept, family and peer relationships, abuse, loss, dating, and teenage pregnancy are discussed, stressing positive alternatives.

INFORMATION TECHNOLOGY DEPARTMENT**Computer Technology**

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

Computer Technology is an introduction to computer application software. The course is divided into five parts: Windows 98, Internet/Email, MS Word, MS Excel, and MS PowerPoint. Skills will be demonstrated by creating a final project integrating all programs learned.

Web Development

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: None

Web development industry certification programs target individuals interested in demonstrating the baseline of technical knowledge that would allow them to pursue a variety of Internet-related careers. iNet+ is accepted by all other Internet certification programs as a fundamental (beginning) level certification, and is a good place to start.

i-Net+ is a vendor-neutral, entry-level Internet certification program that tests baseline technical knowledge of Internet, Intranet and Extranet technologies, independent of specific Internet-related career roles. Learning objectives and domains examined include Internet basics, Internet clients, development, networking, security and business concepts. CIW and WOW build upon the i-Net+ curriculum.

Desktop Publishing I

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: Computer Technology

This course provides skill development in the electronic procedures of producing and editing publications. Students will create, format, illustrate, design, edit/revise, and print publications. Improved productivity of electronically produced newsletters, flyers, brochures, reports, advertising materials, and other publications are emphasized. Proofreading, document composition, and communication competencies are also included.

Desktop Publishing II (Yearbook)

Term: 2 trimesters
Open to Grades: 10-12
Prerequisites: Desktop Publishing I

In Yearbook students learn desktop publishing, photography skills, layout and design techniques, salesmanship, the art of teamwork, and how to create quality documents under the pressure of deadlines. Students must meet the quality demands expected by the instructor and the deadlines imposed by the publisher. The product is the GCHS yearbook.

Multimedia I

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: Computer Technology

Multimedia is the process of planning, instructional design, and development. Students will create interactive computer applications using the elements of text, 2-D and 3-D graphics, animation, sound, video, and digital imaging. These skills can prepare students for entry-level positions and other occupational/educational goals.

Computer Programming

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: None

A beginning class in computer programming and applications. Introduces students to the fundamentals of programming, to simple control and data structures, to basic operating system commands and the use of text files. Students will learn to design code and test their own programs.

Suggested prerequisites include keyboarding proficiency, Computer Technology and completion of/or concurrent enrollment in Algebra I.

BUILDING TRADES

Basic Building Construction

Term: 1 trimester ONLY (Students cannot take this class more than one trimester.)
Open to Grades: 9-12
Prerequisites: None

Instruction is given in fundamental of stick framing, common modern building techniques, and technical drawing. Directed practice is in small construction groups (3 to 4 students) where the students will work as a team studying theory of construction and build a small work shed. Materials for construction are provided by the school through budget and sale of the sheds. Individual projects are not allowed in this class.

Advanced Building Construction

Term: 1 trimester (Can be taken all 3 trimesters and 2 periods a day.)
Open to Grades: 10-12
Prerequisites: Basic Construction

Sophomores, juniors and seniors are eligible, with seniors getting first priority. Class size is limited to about 10 students. Teacher approval is mandatory. This class consists of building a house which is auctioned off at the end of the year. We work on all phases of the house construction, from site preparation to interior finish. Students will receive their own tools and are expected to come prepared to work in any weather condition, but we try hard to have the house enclosed before the coldest weather sets in. Previous students have rated this as the most practical and interesting class they have ever taken. The student is responsible for his/her own transportation, or he/she can make arrangements for transportation, to the job site.

Beginning Woods

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This one-trimester course is open to any student interested in learning the fundamentals of woodworking. The class emphasis is on safe and proper use of woodworking machinery and tools, and common operations performed with each piece of equipment. Instruction is also given on sketching, job planning, and cost estimating. Directed practice consists of a project designed and built by each student, ranging

from simple boxes and chests to larger projects such as entertainment centers and simple gun cabinets. Students need to provide their own tape measures, safety glasses, and cabinet-grade hardwood. Wood may be purchased from the school shop at wholesale cost plus a small amount for finish materials.

Advanced Woods

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Basic Woods

This is a full year course for students who have completed either of the beginning woodworking courses. Skills are refined and advanced construction techniques are taught through student-financed projects of more complex nature such as tables, water beds, detailed cabinets and chests, frame and panel construction, etc. The student is expected to design, plan, and build a project utilizing all the major pieces of machinery in the shop and at least 12 different construction operations. As facilities become available, instruction will also be provided in computer aided drafting and basic business management and accounting. Students are expected to provide their own safety glasses, tape measures, and wood supplies.

OTHER COURSES

Design & Drafting Technology

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: None

The first instructional course in a sequence of courses that prepares individuals to use technical knowledge and skills to plan and prepare scale pictorial interpretations of engineering and design concepts. This includes instruction in the use of precision drawing instruments, sketching, drawing layout, geometric construction, orthographic views and dimensioning.

CAD Drafting

Term: 1 trimester

Open to Grades: 10-12

Prerequisite: Design & Drafting Technology

The second instructional course in a sequence of courses that prepares individuals to apply technical skills and computer software and hardware to the creation of graphic representations and simulations in support of engineering projects. Includes instruction in engineering graphics, two-dimensional and three-dimensional engineering design. Concepts in design or production drawing, orthographic drawings, sketching techniques, with dimensions, and ANSI Y14.5 standards should be reinforced.

Architectural Drafting

Term: 2 trimesters

Open to Grades: 11-12

Prerequisite: Design and Drafting Technology, CAD

The study of architecture encompasses sensitivity to design, skill in drawing techniques, and a knowledge of the latest construction materials. It is the combination of these abilities that yields the outstanding architects of today's world. These architects design massive high-rise buildings, quaint lake-shore

cottages, modern churches and family homes as required to meet the needs of our society. The world of architecture has been one of the major conquests of humanity in designing structures to bring the thrill of lasting beauty to the eye of the beholder. Parts of the current building code should be in the various units.

Mechanical Drafting

Term: 2 trimesters

Open to Grades: 11-12

Prerequisite: Design and Drafting Technology, CAD

Advanced Drafting is the third step in understanding the application required to produce a workable drawing. Good sketching techniques should be emphasized when preparing to start a working drawing. Drawings that are assigned should complement the competency and require the student to solve problems, not just copy.

Work Based Learning

Term: 1, 2, or 3 trimesters

Open to grades: 11-12

Prerequisites: None

Work Based Learning students will be expected to attend class for the first two weeks of the trimester to develop critical workplace skills. Students will then have an opportunity to work at a job during school hours. Students turn in a monthly time sheet and pay stubs. Student must work during the hour they are released from school. Students who have work experience are not allowed to remain on school grounds during the hours they registered in work experience.

Natural Resource Management

Term: 1 trimester

Open to Grades: 9-12

Prerequisites: None

Also called the Youth Garden, students learn about plants and managing natural resources. Students work in the garden as well as in the classroom.

ENGLISH

English 9

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites: None

This course will focus on vocabulary, writing, and literature. There will be a weekly study of vocabulary words and their usage. Writing will include personal narratives, five paragraph essays, a research paper, and various creative writing assignments, with a focus on the writing process. Literature will include many short stories, a novel, and Shakespeare's Romeo & Juliet.

English 9 Honors

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites: None

Honors English 9 is an accelerated course designed for the college bound student. It contains heavy emphasis on vocabulary, writing, and literature. Vocabulary will be studied weekly. Writing will include a personal narrative, a persuasive research paper, college type essays or exams, and various other writing assignments. Literature will be studied at an in depth level, with focus on interpretation. Many short stories will be looked at, a few novels, and Shakespeare's Romeo and Juliet. The goal of the course is to better help students understand who they are in relationship to the world around them.

English 10

Term: 2 trimesters

Open to Grades: 10-12

Prerequisites: English 9

This course is a broad spectrum course which uses a wide variety of reading materials and learning activities to achieve its aims. English 10 reviews and further develops the writing skills introduced in English 9: the personal letter, narrative and descriptive writing, the comparison- contract essay, and persuasive writing.

English 10 introduces the student to journal writing, the critical essay, film appreciation, news writing, the business letter, completing complex job applications, and writing poetry and short stories. Spelling, vocabulary, and grammar are heavily stressed throughout the two trimesters.

English 10 Honors

Term: 2 trimesters

Open to Grades: 10-12

Prerequisites: English 9

In order to fulfill the core curriculum requirements for English 10, Honors English 10 students are on the same schedule as English 10 students throughout the first trimester. During second trimester, Honors English students read four critically acclaimed novels, write two major critical papers, and write reviews

of two foreign films. They are also required to deliver two 5-7 minute speeches. Honors English students must type all major assignments, and they are expected to consistently produce quality products.

English 11

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: English 9-10

English 11 focuses primarily on American Literature presented in a chronological, historical progression. Poetry, speeches, and essays are studied extensively. Writing exercises focus on persuasive and critical writing with narrative, poetry, and journalism included. Additional literature is taught through a variety of different novels.

English 11 Honors

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: English 9-10

This course covers all of the elements offered in the English 11 Basic/General class but focuses on a more in depth interpretation of literature and writing assignments.

English 12

Term: 2 trimesters

Open to Grades: 12

Prerequisites: English 9-12

This course will review a variety of types of writing, including an informal research paper. All types of literature will be studied, including Shakespeare's Macbeth.

AP English

Term: 3 trimesters

Open to Grades: 12

Prerequisites: English 9-11

This course is a college-level English class which stresses effective writing and critical reading. We will be preparing for the AP English exam in May. The class will read larger works by Shakespeare, Cather, Steinbeck, Conrad, and a wide variety of poems and shorter works.

ELECTIVES

Debate

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

Students will learn effective methods in the areas of public speaking and debating. They will learn proper techniques for organizing and giving speeches. Students will become familiar with different debating formats and how to use logic and reasoning to prove their point. Students will also become familiar with all of the debate events in high school speech and debate.

Outdoor Education

Term: 1 semester
Open to grades: 11-12
Prerequisites: None

This course utilizes activities such as rock climbing, back country skiing, personal projects, orienteering, ecological field studies, and group building activities to learn about group dynamics, interpersonal and intra-personal communication, and problem solving. Many times this course utilizes weekend and extended outing to achieve the above goals. Two Sundays may be used for the backpacking and back-country skiing trips. A student and parent/guardian contract must be signed before a student is regarded as a member of this class.

ESL

Term: 3 trimesters
Open to Grades: 9-12
Prerequisites: None

ESL A is for students whose first language is not English and who have very limited English language skills. Basic communication skill, vocabulary and grammar are taught. Concentration is on vocabulary that students need to attend school and complete the work in their other classes. We study American culture and traditions. We cover some things that the students need to know about the American legal system in order to avoid breaking laws. There is more concentration on comprehension skills and speaking skills. We make sure that the students are proficient in reading in their own language as well. Students get help with work from other classes that they are having trouble with.

Cadet Teaching

Term: 1, 2, or 3 semesters
Open to grades: 11-12
Prerequisites: None

Cadet teaching gives students the opportunity to go to another school in the district and work for a specific teacher who assigns responsibilities during that time period. A weekly time sheet must be turned in. Any student enrolled in this course should be able to follow directions and work well with younger students. This class is graded on a pass/fail basis.

Office Aide/Teacher Aide

Office Aides work with the secretary in the main office. Students must have the approval of the secretary. Students must rigidly conform to all dress code requirements and agree to keep all office information confidential. Teacher aides will assist teacher in preparing materials for class. Exemplary attendance is required. The course is graded on a pass/fail basis.

Library Aide

Term: 1, 2, or 3 trimesters

Open to grades: 11-12

Prerequisites: None

Library aides will help with the day-to-day running of the library, including re-shelving books, checking out books and equipment for students and teachers, and maintaining magazine and newspaper collections.

Work Release

Term: 1, 2, or 3 trimesters

Open to grades: 12

Prerequisites: None

Work release earns **NO** credit. Seniors that have all their credits for graduation may be released two periods a day for work release.

Driver's Education

Term: 1 quarter

Open to grades: 10-12

Prerequisites: Must be 16 by the end of the course

The State of Utah requires students to be involved in classroom instruction for 30 hours. Regular classroom instruction is before school. Class begins at 6:30 am. The State of Utah requires six hours of behind the wheel instruction and six hours of observation time. Both the state written and driving test will be administered by the Driver's Ed. Instructors.

Peer Tutor

Term: 1 quarter

Open to grades: 10-12

Prerequisites: None

Peer Tutors work in the Resource Room assisting Special Ed. Teachers. They may accompany students to class or work with them on different skills.

Voices of Youth – Radio

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Entry into this 10-student class is by application

Voices of Youth –Radio is a second trimester course taught 4th hour ONLY. Students learn the art and craft of producing radio features while completing projects of community interest. Assignments include a personal essay set to music, a feature documentary, a Smoke Free Homes PSA and a new genre piece. The course employs the same state of the art recording and editing equipment and programs used in the music and film industry.

Voices of Youth - Photography

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Entry into this 15-student class is by application

Voices of Youth – Photography is a second trimester course taught 5th hour ONLY. Students learn the basics of B&W photography including film processing and printing. Basic camera functions and composition are also taught. Career oriented assignments range from traditional portraiture and product photography to alternative printing and fine art.

Journalism

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: English teacher or journalism adviser approval required.

This course is designed to introduce students to newspaper production. Emphasis on interviewing, writing and editing with additional training in page layout, photography and design. Students in the class will be responsible for producing the monthly school newspaper, *The Devil's Advocate*. They will also study other newspapers, web sites and other news resources in order to keep up to date with the latest trends and issues related to journalism.

FINE ARTS

ART DEPARTMENT

AP Art

Term: 3 trimesters

Open to Grades: 11-12

Prerequisites: Beginning Drawing, Advanced Drawing, Painting, Sculpting, and Teacher approval.

AP Art: This studio art program makes it possible for highly motivated students to do college-level work. You will be asked to submit a portfolio (24 pieces) of work for evaluation at the end of the school year. Students may choose to work in one of the three AP Art portfolio areas: 2-D Design, 3-D Design or Drawing. This is an excellent class for any student who plans on majoring in art at the college level. \$20.00 fee per trimester is required.

Studio Art

Term: 1, 2, or 3 trimesters

Open to Grades: 11-12

Prerequisites: Beginning Drawing, Advanced Drawing, Painting, Sculpting, and Teacher approval.

This studio art class is designed for highly motivated art students who have completed all of the lower level drawing, painting and sculpting classes and would like the opportunity to explore these areas and others at an advanced level. This course is only for those students who have a great interest in art and would like the opportunity to expand their art knowledge and skills. \$20.00 fee per trimester is required.

Ceramics I

Term: 1 trimester

Open to Grades: 9-12

Prerequisites: None

This course will focus on the basic techniques of hand built and wheel thrown pottery. Areas that will be explored in hand built pottery will include: pinch pots, coil pots, slab pots and the use of an extruder to create coils and hollow forms. On the wheel, students will learn the basic techniques of wheel throwing in order to create functional vessels such as mugs, bowls, and vases. \$15.00 fee is required with additional bags of clay costing \$8.00.

Ceramics II

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Ceramics I

This course will focus primarily on advanced wheel throwing techniques for functional pottery that would include: large vases, water pitchers, mugs, bowls, small plates, lidded pots and teapots. The student will also have the opportunity to explore advanced levels of hand built pottery by expanding on the techniques learned in Ceramics I. Student will also have the opportunity to make up different glazes using different glaze formulas. \$15.00 fee is required with additional bags of clay costing \$8.00.

Commercial Art

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Beginning Drawing

Students will work on a variety of commercial art projects from a working menu including: product design, business logos and letterheads, illustration, advertisements, and other graphics used to promote and sell products. Although students will utilize the elements and principles of design, thinking outside the box and coloring outside the lines will be explored as well as both traditional and technological methods.

Beginning Drawing

Term: 1 trimester

Open to Grades: 9-12

Prerequisites: None

This course will focus on building a working foundation of fundamental drawing techniques. Techniques in pencil, charcoal, and ink will be emphasized. Students will also learn the elements of art and principles of design. Beginning Drawing is designed so that students ranging from individuals with no previous art experience to those who love to draw can excel and learn techniques leading to creative self-expression. \$ 5.00 materials fee is required.

Advanced Drawing

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: Beginning Drawing & Teachers Signature

This course will expand the student's knowledge of techniques learned in Beginning Drawing and introduce other more advanced techniques as well. A strong emphasis will be placed on quality production and mastery of techniques leading the student to creative exploration of individual expression. \$10.00 materials fee is required.

Jewelry I

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course will focus on the fundamental techniques of silver jewelry construction including the manipulation of silver into rings and pendants. This course will also introduce students to techniques in creating chains and bracelets from copper, nickel, and brass. This course is designed so that the non-artistic type can excel along with the artistic individual. However, an emphasis on quality production and creative expression will be highly stressed throughout the course. \$25.00 fee is required.

Jewelry II

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: Jewelry I

This course will expand on techniques that were learned in Jewelry I and will focus primarily on sterling silver jewelry construction. This course will introduce students to setting stones in rings and pendants and will explore advanced techniques in soldering, wax carving and manipulation and the use of different silver wires in jewelry construction. A high standard of excellence in craftsmanship and design will be expected. \$35.00 fee is required.

Painting

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: Beginning Drawing

This course will focus on developing a working understanding of basic color theory and painting techniques utilizing pastels, watercolors, acrylics, and tempera media. Students will also study and work with the elements of art and principles of design to create quality paintings. \$15.00 materials fee is required.

Advanced Painting

Term: 1 trimester
Open to Grades: 11-12
Prerequisites: Painting I & Drawing I

Advanced painting will introduce students to various advance techniques and will include and introduction to painting with oils. Class may include Plein Aire, Collage, Still Life, and possible portrait or figure. \$20.00 materials fee is required.

Printmaking

Term: 1 trimester
Open to grades 10-12
Prerequisite: Beginning Drawing

Printmaking is a process of creating multiple impressions on paper or fabric. This course will focus on different techniques of printmaking such as linoleum block (carving), silkscreen (stencil), Intaglio (etching in metal), and the process of printing. \$20.00 materials fee is required.

Sculpture

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course will focus on 3-Dimensional design as it applies to sculpting in clay, wax, wood and in various casting methods. Students will explore the elements of mass, volume, form, plane, light, and texture as it applies to sculpture and sculpting. Students will use the additive, subtractive and fabrication methods of sculpting to create 3-D pieces of art. \$10.00 fee is required.

Creative Writing

Term: 1 trimester
Open to Grades: 11-12
Prerequisites: None

In this class students will produce creative works of all types including fiction, poetry, and non-fiction.

MUSIC DEPARTMENT

Concert Band

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: 8th grade band

Play music typical of the concert band idiom. Responsibilities include: playing at football and basketball games and concerts at various times in the year.

Sounds Grand

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: By Audition, (must have teacher permission)

This is an advanced chorus that will focus on a variety of musical styles: IE madrigal, Classical, jazz, spirituals and show choir. There will also be training in programming, staging, choreography, directing and evaluation skills.

Responsibilities: Members of this group will be expected to perform often. Performances will include: Fall show, Christmas performances, National Anthem at football and basketball games, assemblies, region and state festivals and other performances that develop throughout the year.

DRAMA DEPARTMENT

Beginning Drama

Term: 1 trimester

Open to Grades: 9-12

Prerequisites: None

In this class students will be introduced to elements of drama, including oral interpretation, pantomime, acting, and play production. This class may involve the performance of a play. Students will be expected to participate in the play.

Advanced Drama

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: Beginning Drama

Students in this class are expected to be ready to explore the elements of drama on a more challenging level. They will read plays, perform scenes readings, and pantomime. They will also be expected to demonstrate and assist the teacher in teaching the drama techniques to the first year drama students. They will participate in a dramatic production.

FOREIGN LANGUAGE

French I

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites:

- 2 trimesters of English must be passed in previous school year with a “C” average.
- A willingness to speak French as much as possible.
- French is the language required in class during 2nd trimester.

French I covers basic communication skills and vocabulary. A solid background in grammar, verb conjugation, and sentence structure is presented. Vocabulary units include topics such as weather; foods, clothing, travel, hobbies, sports, and entertainment. Basic customs, traditions, and geography are also presented. The course emphasizes development of comprehension skills and rudimentary speaking skills.

French II

Term: 2 trimesters

Open to Grades: 10-12

Prerequisite:

- Both terms of French 1 must be passed!
- French is the language to be used in class at all times!

French II covers a basic review of all the material learned in French I. The course continues with more advanced grammar and structure and the introduction of past tenses. Vocabulary is expanded to include more intensive units on foods, clothing, daily activities, social events, activities and pastimes. Cultural units mention social and family customs. Simple readings are assigned and students begin to develop written expression via guided compositions. French is the dominant language used in this course.

Spanish I

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites:

- 2 trimesters of English passed with a “C” average in the previous school year.
- A willingness to speak Spanish as much as possible.
- Spanish is the language required in class in the 2nd term.

Spanish 1 covers basic communication skills and vocabulary. Grammar and structure of the language are presented. Some topics included are: present and progressive tenses, sentence structure. Vocabulary includes units on such topics as: classroom survival, colors, clothing, foods, hobbies and pastimes and family, just to mention a few. Basic customs, traditions and geography are presented. The course emphasizes development of comprehension skills and rudimentary speaking skills.

Spanish II

Term: 2 trimesters

Open to Grades: 9-12

Prerequisite:

- Both terms of Spanish 1 must be passed!
- Spanish is the language to be used in class at all times!

Spanish II covers a basic review of all the material learned in Spanish I. The course continues with more advanced grammar and structure and the introduction of past tenses. Vocabulary is expanded to include more intensive units on foods, clothing, daily activities, social events, activities and pastimes. Cultural units mention social and family customs. Simple readings are assigned and students begin to develop written expression via guided compositions. Spanish is the dominant language used in this course.

Spanish III

Term: 2 trimesters

Open to Grades: 9-12

Prerequisite:

- Both terms of Spanish 2 must be passed!
- Spanish is used exclusively in class!

Spanish III refines the basic work of Spanish I & II. The course emphasizes expansion of one's ability to understand and communicate in Spanish. Grammar and structure focus on verb tenses, the imperative and an introduction to more complex sentence structures. Vocabulary and cultural studies continue to expand what has been learned in the previous years. Poetry and short story units are presented throughout the course and students are encouraged to read in Spanish on their own. Spanish is the dominant language used in this course. Comprehension and communications skills are refined and developed. Personal expression in Spanish is emphasized.

Spanish IV

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites:

- Teacher selection
- Exclusive use of Spanish.
- Spanish III must be passed with "A" grade in both terms.

Spanish IV focuses on advanced grammar and structure. Vocabulary units are thematic and stress usage and oral proficiency. Literature units in poetry and short story are based on selected classics of Spanish and Latin American literature. Students may be asked to recite poetry and write works of their own. The course emphasizes personal expression and continuing refinement of comprehension and communication skills.

* Please note: This course is most often an independent study program. You must self-motivate, be able to work well independently and work in a responsible manner.

HEALTH / PHYSICAL ED

Health

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

The goal of Health Education at the high-school level is to help establish patterns of behavior that will assist a person in achieving complete health. Complete health is accomplished by having a balance of physical, mental, social, emotional and spiritual well-being. This course is designed to offer students the opportunity to acquire knowledge, incorporate process and life skills, and develop positive habits and attitudes about life. Development of a healthy body and a healthy mind will assist young people in living active, productive, and successful lives.

Skills and Techniques

Term: 1 trimester
Open to Grades: 9-12
Prerequisites: None

This course is designed to help each student adopt a personal lifestyle that will achieve physical fitness. This course will develop skills in and knowledge of individual sports, games, and activities. This course also provides instruction aimed at improving and maintaining physical fitness and continuing team sports participation.

Fit for Life

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: None

This course is designed to help each student adopt a personal lifestyle that will achieve physical fitness. Specifically, students will identify, understand and incorporate all of the components of fitness, such as cardio vascular fitness, muscular strength and endurance, flexibility, weight control, and some basic anatomy. The students will develop, follow, and evaluate their own personal fitness plan.

Lifetime activities

Term: 1 trimester
Open to Grades: 11-12
Prerequisites: None

Students in this course will acquire skills in a variety of lifetime activities that contribute to sustained fitness and well-being. These skills and activities offer positive ways to cope with stress and contribute to the quality of life, not only as a student, but also as a future adult. Successful completion of two seasons of competitive sports participation, or drill team may also satisfy the course requirement.

Advance Lifetime Activities

Term: 1 trimester

Open to Grades: 11-12

Prerequisites: Lifetime Activities

As a means of coping with stress and contributing to the fitness and well-being of the individual throughout life, the students in this one-semester course will select one or two lifetime activities in which they will specialize.

Weight training

Term: 1 trimester

Open to Grades: 11-12

Prerequisites: None

The students will learn the proper techniques for using different lifting machines and free weights. The students will increase muscular mass as he or she uses a variety of weight lifting activities.

MATH

Basic Algebra

Term: 1 trimester
Open to Grades: 9
Prerequisites: None

This class prepares students to enter Algebra I. It will review concepts learned in Pre-Algebra.

Algebra I

Term: 2 trimesters
Open to Grades: 9-12
Prerequisites: None

Students in Elementary Algebra will learn algebra as a style of thinking for formalizing patterns, functions, and generalizations. In this course, students will expand previously learned quantitative rational number relationships to include the irrational numbers. The focus will be on proficiency in recognizing and working effectively with linear relationships and their corresponding representations in tables, graphs, and equations; such proficiency includes competence in solving linear equations, generating equivalent expressions, using formulas, and applying proportionality. To develop proficiency in symbolic and graphical representations, students will use physical models, visual models and technology. While mathematical skills will be developed, teaching will focus on the understanding of concepts in depth, enabling students to apply mathematical skills and make meaningful connections to life's experiences.

Geometry

Term: 2 trimesters
Open to Grades: 9-12
Prerequisites: Algebra I or Applied Math I

Students in Geometry study Euclid's postulates and theorems as the basis for an axiomatic system. Students will explore geometry through inductive and deductive processes, technology, constructions, manipulatives, and algebraic connections. Topics of investigation include logic, angle and line relationships, triangles and other polygons, congruence, and similarity. Students also study coordinate geometry. Trigonometric ratios of sine, cosine, and tangent are used to solve triangle problems. Students will use area, volume, geometric probability, and geometric relationships to solve real-life problems. While mathematical skills will be developed, teaching will focus on the understanding of concepts in depth, enabling students to apply mathematical skills and make meaningful connections to life's experiences.

Quantitative Analysis A,B,C

Term: 1, 2, or 3 trimesters
Open to Grades: 10-12
Prerequisites: Algebra I and Geometry

The goals of quantitative analysis are: Problem solving with practical, authentic application problems, analyses, interpretation, and questioning of results, in-depth understanding of

mathematical concepts of beginning algebra and geometry to gain an appreciation of mathematics. Students will work as teams on major projects to: Determine the reasonableness of results, interpret results, use critical thinking skills to analyze results, organize and present information graphically, numerically, symbolically, and verbally.

Algebra II

Term: 2 trimesters

Open to Grades: 10-12 (9 with approval)

Prerequisites: Algebra I and Geometry

The study of functions is the primary focus of Algebra II. Exploring functions, investigating their behaviors, and making and verifying reasonable guesses about those behaviors will develop students' reasoning and thinking skills. Types of functions receiving a major focus in the course will be quadratic, absolute value radical, and sine and cosine. The course will also emphasize the concepts of complex numbers, matrices, systems of equations and inequalities, and probability using permutations and combinations. Access to a graphing calculator is strongly recommended.

Pre-Calculus

Term: 2 trimesters

Open to Grades: 10-12

Prerequisites: Algebra II

Pre-calculus fills the minimum mathematics course requirement for students who plan to participate in post-secondary training. It also serves as the prerequisite for Advanced Placement Calculus or Statistics courses. Areas of study for the course will include exponential, power, polynomial, rational, logarithmic, and piece-wise functions, along with trigonometric functions and their inverses. Students will investigate and explore mathematical ideas using methods that will help them gain a deep understanding of fundamental concepts, develop multiple strategies for analyzing complex situations, and acquire appropriate technological skills. Students will analyze situations verbally, numerically, graphically, and symbolically. Effective communication skills will be developed so that students will be able to discuss, explain, and justify their thoughts and ideas. Because of the importance of technology in this course, access to a graphing calculator is required.

Calculus

Term: 3 trimesters

Open to Grades: 12th, (11th with instructor approval)

Prerequisites: Pre-Calculus

Calculus is the study of changing conditions, and consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. The Advanced Placement Course Description for Calculus for the current school year is the guide to the topics and concepts that are included in the AB program. This publication is updated annually and provides a descriptive outline of the course, detailing its content and the kinds of skills students are expected to demonstrate in the corresponding introductory college-level course. The teacher is responsible for expanding the course to include applications and enrichment.

RESOURCE

Life Skills English

Term: 2 trimesters

Open to: Current Resource Students

Prerequisites: IEP

This class is designed to develop reading and writing skills for practical application in real-life situations.

English (Resource)

Term: 2 trimesters (each year)

Open to: Current Resource Students

Prerequisites: IEP

This course is designed to help develop reading comprehension and written expression skills. This class will also assist students with reading writing assignments in their mainstreamed class.

Life Skills Math

Term: 2 trimesters

Open to: Current Resource Students

Prerequisites: IEP

This is a course in basic math to prepare students for the kinds of math used in real life. The focus will be on basic math knowledge using a calculator and will center on understanding basic math functions.

Pre-Algebra/Algebra (Res.)

Term: up to 4 trimesters

Open to: Current Resource Students

Prerequisites: IEP

A parallel Algebra I curriculum that utilizes all four modalities and adjusts the pace to meet the needs of classified students. Only classified special education students can take this class.

Social Science (Res.)

Term: 2 trimesters

Open to: Current Resource Students

Prerequisites: IEP

This class is run as an open forum in which students discuss personal problems, anger management and social skills. All details shared are confidential.

SCIENCE

Science is a way of knowing, a process for gaining knowledge and understanding of the natural world. The Science Core Curriculum places emphasis on understanding and using skills. Students will be active learners. It is not enough for students to read about science; they will do science. They will observe, inquire, question, formulate and test hypotheses, analyze data, report and evaluate findings. The students, as scientists, will have hands-on, active experiences throughout the instruction of the science curriculum.

Integrated Earth Science

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites: None

Integrated Earth Science is a freshman level course that explores the processes that shape the planet Earth. The purpose of this course is to develop and apply concepts basic to the Earth's systems, including Earth's place in the universe, the geological processes that shape the Earth and the examination of Earth's natural resources. Outer space, volcanoes, the atmosphere, soil and water resources are but a few of the topics that will be covered.

Biology

Term: 2 trimesters

Open to Grades: 9-12

Prerequisites: Successful completion of Integrated Earth Science

Biology is the study of life. In this course, the structure and function of living organisms will be addressed. Topics include the cell, genetics and DNA, comparative anatomy, the history of living organisms and the relationship of living things to each other and to their environment.

Applied Chemistry

Term: 1 trimester (prior to taking Chemistry)

Open to Grades: 11-12

Prerequisites: Earth Science and Biology

This is a one trimester course designed to introduce students to the principles of chemistry as they apply to everyday life. Students will be introduced to chemical concepts using practical issues and applications to illustrate the principles of chemistry and the language of chemistry, scientific method and measurement, experimentation with data collection, and current issues with application to chemical principles.

Chemistry A/B

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: Successful completion of Algebra I, Biology and Earth Science. Algebra II is recommended.

This is a two trimester course in introductory chemistry that concentrates on basic concepts and principles of modern chemistry using a mathematical and quantitative approach. The first trimester concentrates on atomic and molecular structure, the periodic table and chemical nomenclature, formulas and bonding. The second trimester emphasizes chemical reactions, equations and quantitative relationships.

Physics

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: Successful completion of Earth Science and Biology. Pre-calculus and Algebra II are highly recommended.

Physics is a class in which students apply the principles of trigonometry in combination with concepts such as the Newtonian Laws, concurrent and parallel forces, vectors, periodic motion, the phases of matter, waves, light, reflection & refraction, and electro-magnetism, to solve problems dealing with classical and modern phenomenon.

Field Biology

Term: trimester

Open to Grades 11-12

Prerequisites: Successful completion of Biology

Field Biology is an advanced science course dealing with field biology techniques. Students will learn how to set up study plots, create a study and collect appropriate data. Students will be required to write a detailed field project proposal and then complete their field study.

Human Biology

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: Successful completion of Biology

Students will explore current topics related to the structure and function of the human species. Topics covered are the brain and central nervous system, nutrition and diet, cancer, the heart, the kidneys and the lungs, the immune system and human disease, human evolution and ecology.

Medical Anatomy & Physiology

Term: 2 trimesters

Open to Grades: 11-12

Prerequisites: Successful completion of Biology

This course provides a comprehensive study of the structure and functions of the human body and its systems. The course is designed to prepare students for college level courses in health sciences, nursing and other medical fields.

Geology

Term: 1 trimester

Open to Grades: 11-12

Prerequisite: Successful completion of Earth Science

Geology is intended for any student interested in studying the earth's history, the dynamics of the earth's surface and the formation of its landscapes – especially the forces that have shaped the Moab area.

Meteorology

Term: 1 trimester

Open to Grades: 11-12

Prerequisite: Successful completion of Earth Science

Meteorology is intended for any student having an interest in learning and applying knowledge regarding the earth's dynamic weather systems. Topics include the earth's atmosphere, weather mapping and forecasting, climate, and weather phenomena.

Ecology

Term: 1 trimester

Open to Grades: 11-12

Prerequisite: Successful completion of Biology and Earth Science

Ecology is a course that enables students to develop an understanding of the natural environment of the Moab area including a survey of plants and animals and their interaction with the environment.

Biotechnology

Term: 1 trimester

Open to Grades: 11-12

Prerequisite: A grade of B- or better in Biology is recommended.

Biotechnology can be defined as the art of utilizing living organisms and their products for the production of food, drink, medicine or for other benefits to the human race, or other animal species. Students will explore food production, gene transfer, DNA, forensics, human genome, bioremediation, bioinformatics, cloning and genetic engineering.

Independent Study in Science – Advanced Study

Term: 1 trimester

Open to Grades: 11-12

Prerequisites: Approval of instructor

Independent Study in Science is designed to provide the student with the opportunity to study an advanced topic in science that is not covered in the regular curriculum. A topic of study will be selected by the student and he/she will conduct the study under the guidance of a science instructor. The student must have a sponsoring science instructor and permission from the science department. The number of students will be very limited per trimester.

Independent Study – Science in Literature

Term: 1 trimester

Open to Grades: 11-12

Prerequisite: Approval of instructor

Students will independently read, evaluate and analyze science literature under the supervision and guidance of a science instructor. The student must have a sponsoring instructor and permission from the science department. The number of students will be very limited per trimester.

S O C I A L S C I E N C E

Geography

Term: 2 Trimesters
Open to Grades: 9-12
Prerequisites: None

Geography is a survey course in the study of “why and where.” Geography will explore how to use geography as a tool to better understand the world in which we live. Students will learn to evaluate and question the why and where of spatial perceptions that are read, seen, and heard. Students will understand the six standards when using the five themes of geography.

World Civilizations

Term: 1 trimester
Open to Grades: 10-12
Prerequisites: None

Western Civilizations is a survey course designed to cover the Prehistoric Period through the Present. Although this course has an emphasis on Western Civilizations, Early Eastern Civilizations are covered as well as cultures of South America and Africa. Students will be expected to work in groups to do library research and evaluate primary documents as well as study the text in depth.

U.S. Studies

Term: 2 trimesters
Open to Grades: 11-12
Prerequisites: None

U.S. Studies is a basic American History course which includes events and trends, beginning with the Age of Discovery and progressing through the Vietnam War.

U.S. Government

Term: 1 trimester
Open to Grades: 12
Prerequisites: This class is for seniors only.

This course will cover an overview of our federal, state and local government. The goal of this course is to foster informed, responsible participation in public life. Students will understand their civil rights and liberties in America. Upon completion of this course the student will understand the major ideas, protections, privileges, and structures that affect the life of a citizen in the United States.

Current Events

Term: 1 trimester

Open to Grades: 10-12

Prerequisites: None

This course covers current events at all levels; from local issues to world concerns. Students will be encouraged to look at each issue from a sociological perspective, focusing on cultural and environmental factors, instead of personal characteristics. Students will use both writing and speaking assignments to express their understanding.

Sociology

Term: 1 trimester

Open to Grades: 11-12 (10th Grade with permission from teacher)

Prerequisites: None

This course is a study of Society and human social interaction. A look at human behavior as it relates to groups and relationships will be a focus of this class.

CONCURRENT ENROLLMENT

Juniors and Seniors shall be permitted to earn credit toward high school graduation for completing college-level courses (provided locally by Utah State University.)

Seniors signing up for a college course should have a “B” (3.0) or better grade point average in the subject area of the college class. Juniors must have a 3.5. Seniors taking English 1010 must have a 3.5 grade point average in English and signatures from all the English teachers. Students taking English 1010 must also take a literature based English class (can be AP English or a college literature course) for at least one trimester. Students who do not meet this criteria can petition to take the college classes.

The student will attend class in accordance with school district policies. If a student wishes to withdraw from a college class, they must do so at the USU office before the withdrawal deadline. Should the student withdraw after the date for withdrawal has been announced, the student or his/her parents will be responsible for the cost of the course. The district is responsible to pay only for successfully completed courses. If a student fails a college class, they will be responsible for the payment of tuition. College course work will apply toward high school graduation requirements if so designated at the time of concurrent enrollment.

Those courses generating 3 semester units will equal one credit in the appropriate department for graduation credit under rules for concurrent enrollment.

Students will need to take completed contracts with them to register for classes. Contracts can be picked up from the counselor.

College Study

Term: 1 trimester

Open to Grades: 11-12

Prerequisites: Must be enrolled in college class

Students enrolled in a college class may take college study. During this class hour, students study in the library. No credit is awarded for this class.

NCAA DIVISION I

Freshman-eligibility Standards

All student-athletes must register with the NCAA Initial-Eligibility Clearinghouse.

Qualifier

Can practice, compete, and receive athletics scholarship as a freshman.

Requirements

- Graduation from high school.
- The highest scores achieved on the verbal and mathematics section of the SA or highest scores achieved on the four individual tests of the ACT may be combined to achieve the highest scores
- The core GPA in 16 courses meeting the NCAA core course definition along with the corresponding ACT sum or SAT total score is required (See high school counselor for requirements.)

High School Courses

- At least 4 years English.
- At least 3 years math; Algebra I or higher.
- At least 2 years social science;
- At least 2 years natural or physical science (including 1 lab course, if offered by a high school you attended).
- At least 1 year of additional courses in English, math, or natural or physical science.
- Four additional academic courses in any of the above areas, foreign language, or nondoctrinal religion/philosophy.

NCAA DIVISION II

Freshman-eligibility Standards

All Student-Athletes Must Register With the NCAA Initial-Eligibility Clearinghouse

Qualifier

Can practice, compete, and receive athletics scholarship as a freshman.

Requirements

- Graduate from high school.
- Have a GPA of 2.00 in 14 core academic courses; and must achieve a 68 (sum of scores on the four individual tests on the ACT, or an 820 on the SAT. The highest scores achieved on the verbal and mathematics section of the SAT or highest scores achieve on the four individual test of the ACT may be combined to achieve the highest scores.

High School Courses

- At least 3 years English.
- At least 2 years math Algebra I or higher.
- At least 2 years social science.
- At least 2 years natural or physical science (including 1 lab course, if offered by any high school you attended).
- At least 2 years additional courses English, math, or natural or physical science.
- Three additional academic courses in any of the above areas, or foreign language, computer science, philosophy or comparative religion.