

Pleasant Grove High School



2016-2017 Course Descriptions

Go Vikings!

Pleasant Grove High School Profile

COMMUNITY

Population - Approximately 44,100 in the Pleasant Grove and Lindon area, and is a component part of Utah Valley which has an approximate population of 530,499.

Location - Suburban area on the foothill of 11,750' Mount Timpanogos of the Wasatch Range in the Uintah Mountains. Brigham Young University, Utah Valley University, Stevens-Henager Business College, Provo College, Mountainland Applied Technology College and several other Vocational Colleges are located in Utah Valley.

Industry and Technology - Farming, food processing, computer technology, electronic related businesses, and manufacturing.

SCHOOL

Address - 700 East 200 South, Pleasant Grove, Utah 84062

Telephone - 801-610-8170

Fax - 801-785-8744

Type - Public, three year

Present enrollment - 2074

Accreditation - Northwest Accreditation Commission

Faculty - 76 teachers (includes 10 part-time), 4 administrators, 5 counselors

Pupil-teacher ratio - 25.5 to 1

Calendar - 4 nine-week (quarter) grading periods; 5 days a week; 8 class periods over a 2 day period (4 classes per day).

ACT and College Board code number: 450-305

GRADING SYSTEM AND RELATED PROCEDURES

A	4.0	B-	2.7	D+	1.4	I	- Incomplete
A-	3.7	C+	2.4	D	1.0	AP	- Advance Placement
B+	3.4	C	2.0	D-	.7	H	- Honors Class
B	3.0	C-	1.7	F	.0	NG	- No Grade, No Credit

RANK-IN-CLASS

All grades earned in courses from 9th through 12th grades are counted for rank-in-class.

STUDENT ACTIVITIES PROGRAM

Pleasant Grove High School sponsors a broad program in both interscholastic and intramural sports including varsity teams in all major sports: golf, soccer, track and field, cross country, tennis, badminton, billiards, swimming, volleyball, wrestling, baseball, softball, lacrosse, basketball and football. We also offer Cheerleading, Color Guard and Drill Team. Other activities include National Honor Society, Student Council, school publications (2), Drama Club, Multicultural Club, Future Career Community Leadership Association (FCCLA), Future Business Leaders of America (FBLA), Key Club, Foreign Language Clubs, Future Farmers of America (FFA), Distributive Education Club of America (DECA), Health Occupations Student Organization (HOSA), Ballroom Dance, Band, Orchestra, Dance Co, KPGR Radio Station, Vocational Industrial Club of America (VICA), Girls Athletic Association (GAA), Operation Smile, Physics Club, Book Club, Am. Sign Language Club and several other special interest activities.

GRADUATION REQUIREMENTS

For the CLASS OF 2013-2014

3.0 Credits English (E)

- 1.0 English 9 (E)
- 1.0 English 10 (E)
- 1.0 English 11 (E)

1.00 Credit Applied/Advanced Language Arts (ALA)
(Currently called English Elective in Skyward)

2.0 Credits Math Core (9-12) (MC)

1.00 Credit Applied/Advanced Math (AMC)
(Currently called Math Elective in Skyward)

2.00 Credits Science Core (9-12) (SC)

Taken from 2 of the 4 quadrants:

- SC1 Biology, AP Biology, Human Biology, Biological/Agricultural Science
- SC2 Chemistry, AP Chemistry
- SC3 Earth Systems, AP Environmental Science
- SC4 Physics, AP Physics (B & C), Physics with Technology

1.00 Credit Applied/Advanced Science (ASC)
(Currently called Science Elective in Skyward)

3.0 Credits Social Studies

- 0.5 World Geography (9th) (G)
- 0.5 World Civilization(9th) (WC)
- 1.0 U.S. Studies 2 (11th Grade) (US)
- 0.5 Gov. & Citizenship (GC)
- 0.5 Student's choice (9-12) (SS)

1.5 Credits Fine Arts (9-12) (A)

1.0 Credit Career & Technical Education (9-12) (CTE)

0.5 Credit Computer Technology (CT)

0.5 Credit Financial Literacy (FIN)

0.5 Credit Health (10th Grade) (H)

1.5 Credits Physical Education (9-12)

- 0.5 PE Skills and Techniques (9th) (PES)
- 0.5 PE Fitness for Life (PEF)
- 0.5 PE Lifetime Activities (PEA)

9.5 Credits Electives

(any extra credit earned in the above requirements, and/or any elective credit of choice)

28 total Credits Required for Graduation

3.0 Units Social Studies

COLLEGE BOUND SUGGESTED REQUIREMENTS

--augmenting the above requirements

- 4.0 Units English 4.0 Units Math
- 4.0 Units Science 2.0 Units Foreign Language

EARLY GRADUATION

Students may graduate at the conclusion of the eleventh grade, if they have completed the twenty-eight (28) credit requirements for graduation in Alpine School District. Application must be made upon registration for the eleventh grade or no later than November 15th of the junior year. Contact your counselor for further information.

ADVANCED PLACEMENT COURSES

College Board Advanced Placement exams are given every May.

A student earning a passing grade from this exam may be granted three to ten semester credits by the university or college the student is admitted. We offer the following AP classes:

- Art Biology
- AB Calculus BC Calculus Chemistry
- Computer Sci. English French
- German Music Physics C
- Spanish Statistics US History
- World History Government & Politics
- Psychology

ACT TEST DATES Registration Ends Late Regis. 16

- April 18, 2015 March 13, 2015 March 14-27
- June 13, 2015 May 8, 2014 May 9-22

For registration dates check ACTStudents.org

SAT TEST DATES Registration Ends Late Regis.

- May 2, 2015 April 6, 2015 April 17, 2015
- June 6, 2015 May 8, 2015 May 22, 2015

PSAT/NMSQT TEST

PSAT/NMSQT Test (Preliminary SAT) is suggested for juniors who want to qualify for the National Merit Scholarships. Both of these test are optional and given only one time in the fall.

College Entrance Exams (ACT or SAT) should be taken near the end of the junior year or, at the latest in the fall of the senior year. Register on line at www.actstudent.org for the ACT test. Some ACT registration packets are available in the Counseling Center. Also register on line for the SAT at www.collegeboard.com.

Classes are subject to change. Please see on-line course description booklet for updates, or see counseling staff.

AGRICULTURE



C81110 (CTE)

AGRICULTURE WORK EXPERIENCE

May earn up to 2 credits Grade 11-12

Prerequisite: Related class and teacher approval.

Program offers on-the-job training and experience that is directly related to student career goals. It is designed to bridge the gap between school and work. Students will have a training plan, adequate supervision by a school/district coordinator and will be paid according to state and federal labor laws. You must be enrolled in an agriculture class.

C16011-2 (CTE, ASC)

ANIMAL SCIENCE

1 Credit Grade 10-12

\$15 fee Class exposes students to a wide range of scientific principles such as genetics, anatomy, physiology, nutrition, diseases, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. This course will cover a wide range of animals from cows and horses to dogs, rabbits and hamsters. Career opportunities and educational preparation are examined. Learning activities are varied with classroom, laboratory, and field experiences. The course will include agricultural leadership.

C15120 (CTE)

FLORAL/GREEN MGT. (FLORAL DESIGN)

.5 credit Grade 10-12

\$15 fee Prepares individuals to produce, process, and market plants used primarily for ornamental, recreational, and aesthetic purposes and to establish, maintain, and manage horticulture enterprises such as floriculture, and greenhouse operation and management. Course will include practical applications in the area of retail floriculture. Instruction includes hands-on activities involving basic design principles and elements. This course will also include instruction in field and laboratory applications. The course will include agricultural leadership.

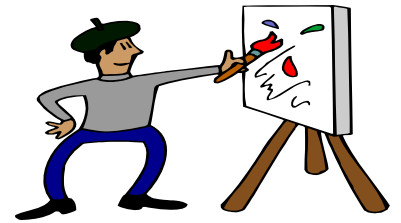
C17011-2 (ASC, CTE)

PLANT/SOIL SCI 1

1 credit Grade 10-12

\$15 fee An instructional course that generally prepares individuals to produce, process, and market plants, shrubs, and trees used primarily for ornamental, recreational, and aesthetic purposes. Instruction in machinery and equipment necessary for each horticultural enterprise is included. The course will include field and laboratory applications. The course will include agricultural leadership.

ART



A0020 (A)

ART FOUNDATIONS 2

.50 credit Grades 10-12

\$25 fee

This class is the gateway/prerequisite for all of the other great art classes at PGHS! Learn to draw and create with a variety of techniques and tools. Learn about the great artists past and present. Along with paying the class fee, students will be required to provide some other art supplies or purchase an "Art Kit" at the discounted price of \$14. Bring the receipt from the financial office to the teacher.

A005H1-2 (A)

ART HONORS

1 credit Grades 10-12

\$25 fee

This class is intended for students who are interested in advancing their ability and understanding of art by applying the elements and principles of art, art history, criticism, aesthetics and the development of creative concepts and ideas. Students will explore a variety of media: pencil, charcoal, bookbinding, paper making, water media, pen & ink, textiles and much more! Students interested in taking AP Studio Art should use their best work from this class to start their AP portfolio. Along with paying the class fee, students will be required to provide some other art supplies or purchase an "Art Kit" at the discounted price of \$14. Bring the receipt from the financial office to the teacher.

A1000 (A)

AP ART HISTORY

1 credit Grades 10-12

Art History is a visual art course that explores history, culture and religion through the art of civilizations spanning from the Paleolithic time period to the 21st century. In it we study a wide variety of media including painting, sculpture, photography, printmaking, mixed media, monuments and memorials.

A215A1-2 (A)

ART AP

1 credit Grades 11-12

\$25 fee

For highly motivated students who are seriously interested in the study of art. Students should be aware that Advanced Placement work involves significantly more time than the typical art class. **Students will be expected to purchase their own tools, paper and media.** Students will be involved in developing a comprehensive portfolio to meet the demands of the AP evaluation whether they submit the portfolio or not. Work for the AP portfolio is divided into three areas: (1) quality of work; (2) concentration on a particular interest or problem; and (3) breadth of experience. Students will also need to work outside the classroom.

A2310 (A)

DRAWING

.50 credit Grades 10-12

\$25 fee

Drawing focuses on black and white or monochromatic rendering from life, pictures, masterworks, and imagination. With an emphasis on studio production, this course is designed to develop higher level thinking, art-related technology skill, art criticism, art history, and aesthetics.

A2500 (A)

PAINTING 1

.5 credit Grades 10-12

\$25 fee

This class includes explorations in drawing and painting with a focus on water color and acrylic media. Learn about the great painters from past to present. Along with paying the class fee, students will be required to provide their own art supplies or purchase an "Art Kit" at the discounted price of \$14. Bring the receipt from the financial office to the teacher.

A2210 (A)

CERAMICS I

.5 credit Grades 10-12

\$25 fee During this class you will learn the techniques and processes of hand building, preparation of clay bodies, use of tools and equipment.

A2220 (A)

CERAMICS 2

.5 credit Grades 10-12

\$25 fee Prerequisite: Ceramics I. Class gives detailed instruction in throwing on the wheel. Study of clay bodies, ceramics, sculpture, and pottery sculpture is extended.

A2230 (A)

CERAMICS 3

.5 credit Grades 10-12

\$25 fee Prerequisite: Ceramics 2. Class gives detailed instruction in throwing on the wheel. Study of clay bodies, ceramics, sculpture, and pottery sculpture is extended alternate surface decoration, more complex construction of forms and exploration of different wheel throwing and hand building techniques. Students will be required to create a portfolio of work based around a specific concentration. This course is designed to prepare students to submit work for A.P. testing. Teacher approval required.

A2600 (A)

SCULPTURE (3-D1)

.5 credit Grades 10-12

\$25 fee. Students will work on developing 2-D drawing skills and 3-D designs created into individual and group projects. This class has an emphasis on good design and quality craftsmanship. Learn about the great sculptors past and present. Sculpture processes will be explored through the use of a variety of materials including (but not limited to) clay, plaster, wood, wire and recycled materials. Students

will be required to provide some other art supplies.

C74820 (CTE, A)

ADVERTISING/COMMERCIAL ART

.50 credit Grades 10-12

\$15 fee Students will work in each of the following areas using a wide variety of media: layout, commercial design, lettering, graphic areas, drawing, illustration, painting, and an introduction to Adobe Photoshop. Students will be involved in the selection of subject matter and media used. Students will be required to create a portfolio of their best work.

P8310 (A, PEA)

BEG DANCE (Beginning)

.5 credit Grade 10-12

\$5 towel/locker fee per semester

Beginning dance technique and movement will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up modern dance. Students must furnish appropriate dance attire.

P8320 (A, PEA)

INT DANCE (Intermediate)

.5 credit Grade 10-12

\$5 towel/locker fee per semester

Intermediate dance technique and movement will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up modern dance. Students must furnish appropriate dance attire.



P8330 (A, PEA)

ADV DANCE (Advanced)

1 credit Grade 10-12

\$10 towel/locker fee \$10 costume fee

Prerequisite: Prior teacher approval Students should have taken Dance 1 & Dance 2 or have at least 3 years studio experience.

Advanced dance class focusing in depth on basic principles of technique that will improve the students' strength, flexibility, performance, stamina and overall dance ability. The elements of basic dance improvisation/composition will continue. Students must furnish appropriate dance attire. Students will perform in the spring concert.

P8341 (A, PEA)

LA-DANCE COMPANY

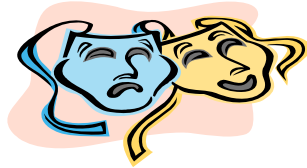
1 credit Grade 10-12

\$10 towel/locker fee \$250 fee (not school fee): costume, choreography, music, etc.

Prerequisite: Spring audition. Class is designed to study dance in technique, choreography, performance quality, and production. Improvement in technique and performance quality will be stressed in all areas of dance. Students must furnish appropriate dance attire. Students must be able to attend rehearsals outside of class.

A6050 (A)
DRAMA & FILM
.50 credit Grade 10-12
\$30 fee

This is a beginning course exploring the nuances of both stage and film in their many aspects, including but not limited to: Genres, acting, narrative structure, directing, cinematography, film and stage hierarchical structures, and critical review and analysis. Students will watch various films, perform various scenes, and write critical analysis of different productions. Students will leave the course with a basic knowledge of both the film industry and the live stage.



A6021-2 (A)
DRAMA 2
1 credit Grade 10-12
\$60 fee Prerequisite: Drama 1 in 9th grade or Drama & Film. Class continues to build on the basics of theatre with an emphasis in acting. Students will study more advanced performance skills and work in both scenes and monologues. Confidence and performance skills are improved through classroom activities and participation. Students will also begin to study playwriting and other facets of the theatre. Participation in school productions, festivals, and competitions is recommended.

A6031-2 (A)
DRAMA 3
1 credit Grade 11
\$60 fee Prerequisite: Drama & Film or Drama 2 or teacher approval. This class is focused on **theatre history**. Students will study different periods of history through theatre, learn the conventions of the time period, read plays from the time period, and perform scenes in class incorporating their knowledge of (what) they have acquired. Theatre History includes, but is not limited to: Greek and Roman, Medieval, Shakespeare, Spanish Golden Age, Neo-classicism, Restoration, and Contemporary Drama.

A6041-2 (A)
DRAMA 4
1 credit Grade 12
\$60 fee Prerequisite: Drama 3, or teacher approval. This class is the capstone theatre class, and has an emphasis in **directing**. Students will study different directing techniques, create a director's book, and direct their peers throughout the year. Our primary text is *A Sense of Direction* by William Ball. Students will apply all of the knowledge they have gained in previous years of drama in this course. It is a performance based class.

AX301-2 (Elective Credit only)
STAGE CRAFT
1 credit Grades 10-12
No Fee Prerequisite: Must have teacher approval
Stagecraft allows students to gain knowledge of the technical

aspects of a working theatre. They will have the opportunity to work in lights, sound, costumes, scenic painting, and set construction. Students will work in small groups supervised by the Technical Director. Each student is required to work 20 hours per term outside of class. Students are responsible to staff school assemblies, pageants and other community events, school productions and concerts, and any other event that is held in the auditorium. **THERE IS A SUBSTANTIAL AMOUNT OF EXTRA-CURRICULAR TIME INVOLVED IN THIS CLASS.** Students should be prepared for after school time invested in this course.

AX451-2 (Elective Credit only)
THEATRE PRODUCTIONS/DIRECT
1 credit Grade 11-12
\$60 fee Prerequisite: Drama & Film/Drama 2
AUDITION ONLY

This is a full year course in music, dance and theatre that allows students to gain experience through the production of the Spring Play. Students are in charge of the production from conception to strike on closing night. Students will receive training in music, singing, acting, dance and movement. The performance of the Spring Play is open to the general public.

C77210 (A, CTE)
DIGITAL PHOTO I-ART (BASIC)
.5 credit Grades 11-12
\$15 fee

The course includes the fundamentals of using a digital SLR, basic Adobe Photoshop tools. An introduction to the history and social impacts of photography as well as an overview of copyright rules are included. Students will learn basic composition as well as file management. Some basic 35mm film and darkroom techniques are included.

C77510 (A, CTE)
ADVANCED PHOTO-ART (DIGITAL PHOTO 2)
.5 credit Grades 11-12

\$15 fee Prerequisite basic Digital Photo 1
The course includes the using a digital SLR, the use of advanced Adobe Photoshop and Adobe Lightroom tools. Studio lighting, the history and social impacts of photography as well as an overview of copyright rules are included. Students will apply basic composition as well as file management as they create their own portfolio of photographs. Some basic 35 mm film and darkroom techniques are included. **UVU concurrent enrollment is available for 11th and 12th graders.** . \$5.00 per credit hour is now charged for concurrent enrollment

BUSINESS & MARKETING

C2211-2 (AMC, CTE)

ACCOUNTING 1/ACCOUNTING 2

It's a YEAR class with varied name for each semester.

1 credit Grades 10-12

\$15 fee Students will learn how businesses keep their records. Students develop an understanding of the principles and procedures in handling cash, recording in journals and posting to ledgers, preparing financial reports and handling payrolls. Students learn to systemize information about transactions into accounts and records, verify accuracy of data by applying auditing principles, and operate bookkeeping and calculating machines. Applications of the accounting principles may be learned on the microcomputer as part of the instruction.

C21010 (CTE)

BUSINESS MANAGEMENT (Bus. Mgmt)

.50 credit Grade 10-12

\$15 fee An introductory course that will teach theories and practices of management in business using computer technology. Analysis, problem-solving, and decision-making tools and activities will be emphasized and practiced through group and individual work. Students will develop effective communication skills in numerous types of situations using a variety of media. Work ethics and social responsibilities will also be emphasized. Management functions of planning, organizing, directing, evaluating, and motivating will be introduced. ***CONCURRENT ENROLLMENT CREDIT AT UVU IS AVAILABLE FOR 11TH & 12TH GRADERS.*** \$5.00 per credit hour is now charged for concurrent enrollment.

C21510 (CTE)

BUSINESS MATH

.5 credit Grade 10-12

\$15 fee

This course will help students learn about how financial transactions relate to them currently and in the future. Students will experience situations relating to earning and saving money, getting a credit card, getting and paying off loans, determining prices, buying insurance, and paying taxes. Basic math skills such as adding, subtracting, multiplying, dividing, converting, and rounding are required. ***CONCURRENT ENROLLMENT CREDIT IS AVAILABLE FROM UVU FOR 11TH & 12TH GRADERS.*** \$5.00 per credit hour is now charged for concurrent enrollment.

C25210 (CTE)

DESK TOP PUB. (YEARBOOK) SEM 1

C25510 (CTE)

DESK PUB. 2 (YEARBOOK) SEM 2

Must take Desk Top Pub. SEM 1 & Desk Pub 2 SEM 2

It's a YEAR class with varied name for each semester.

1 credit Grade 10-12

\$15 fee

Prerequisite: "B" average in English or teacher approval. Students will produce the school yearbook and develop and use skills in desktop publishing, writing, art, layout design, photography, and business management. The computer programs used for this course are, Adobe InDesign/Adobe Photoshop.

C25310 (CTE, ALA)

Desk Top Pub NP (NEWSPAPER) SEM 1

C25610 (CTE, ALA)

Desk Pub 2 NP (NEWSPAPER) SEM 2

Must take Desk Top Pub N-SEM 1 & Desk Pub 2 SEM 2

It's a YEAR class with varied name for each semester.

1 credit Grade 10-12

\$15 fee Prerequisite: "B" or better in previous English courses, "C" or better in previous Honors English courses and a minimum cumulative GPA of 2.7 or teacher approval. Students will learn fundamentals and techniques of print media: interviewing, observing, writing, editing, and lay-out. Students will also learn the basics of desktop publishing, with computer programs such as Adobe PageMaker and Adobe Photoshop. Issues of the school newspaper will be produced monthly.



C26012 (CTE)

DIGITAL BUS APPS

.50 credit Grade 10-12

\$15 fee This course is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Concepts include the overall digital experience, digital communications with audio and video, and the exploration of career choices. Also provides an understanding of business concepts and professional development in today's global office.

C46010 (CTE)

MKT. ENTREPRENEURSHIP

.5 credit Grade 10-12

\$15 fee This fun and exciting class takes the students through the fundamental principles necessary to start and operate their own business. The students will have the opportunity to complete the steps necessary to start their own small business. Completing a business plan and creating a slide show are highlights of the class projects. Students will learn of the traits and characteristics of becoming successful entrepreneurs. An understanding of the specific strategies of business management, marketing, and

the economic role of the entrepreneur in the marketing system complete this enjoyable course.



**SC100 (CT, CTE)
COMPUTER TECHNOLOGY
.5 credits Grade 10-12**

\$15 lab fee Prerequisite: 30 wpm

This course is an introduction to computers and computer software. Students will learn Microsoft Word for document processing, Microsoft Excel for spreadsheet preparation and Microsoft PowerPoint for presenting electronic presentations. Students will learn about e-mail for communication and the internet for research. Computer skills gained will be demonstrated by creating an integrated project from a different content area.

(GRADUATION REQUIREMENT)

**C6072 (CT, CTE)
EXPLORING COMPUTER SCIENCE (CT, CS)**

.50 Credit Grades 10-12

\$15 lab fee NO PGHS Prerequisites:

Bonus: FREE SOFTWARE! Upon successful completion of both terms, students can receive one personal copy of an allowed Microsoft operating system: **Windows 7, Windows 8**, and applications from a list selection through DreamSpark, **Virtual PC, Expressions, Visual Studio, Visio**, etc.

Course has been approved for Comp Tech credit. It introduces you to the

Course has been approved for the Computer Technology credit. It is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.

**C22180 (CTE)
BANKING AND FINANCE
.5 credit Grade 10 -12 (May fill FINANCIAL LITERACY graduation requirement) \$15 fee**

This course will help students learn about the financial industry as it relates to them currently and in the future.

Students will gain an understanding of the banking, insurance and securities industries that will help them be better consumers.

CONCURRENT ENROLLMENT FROM UVU IS AVAILABLE FOR 11TH & 12TH GRADERS.

\$5.00 per credit hour is now charged for concurrent enrollment.

**C27110 (CTE)
WEB DESIGN-BUS.
.5 credit Grade 10-12**

\$15 fee Prerequisite: 30 WPM

This course provides students the skills necessary to develop and maintain Internet web pages and graphic images. HTML and Dreamweaver are used to create, format, and edit web pages. Fireworks is used to create and edit graphic images.

**C47110 (CTE)
MARKETING
.50 credit Grade 10-12**

\$15 fee If you like to be creative (although not required) then marketing is the class for you! This class allows you to show your creativity and have fun all while doing activities and assignments that are completed during class time. Business and marketing concepts currently used in the field of marketing are stressed and learned in this semester long class. Computers are utilized! No textbooks allowed! Learning is required! Having fun is optional!

**C47210 (CTE)
SPORTS AND ENTERTAINMENT MARKETING
.50 credit Grade 10-12**

\$15 fee This is an introductory Marketing course which will help students develop an understanding of the marketing concepts of marketing sports and marketing through sports. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. This course will also prepare students who wish to join and compete in DECA. DECA is an association of marketing students.

**C27510 (CTE)
LEADERSHIP PRINCIPLES
.5 credit Grades 11-12**

\$15 fee Students will learn what leadership is, how to create a vision, and how to set goals. Students will learn the steps in decision making, the governing principles of time management, and how to determine what source of power is best. Team building, dealing with change, and managing conflict will be discussed. Students will learn about setting ethical standards and how to develop a personal leadership style. Students will attend a leadership conference and participate in a leadership experience at Clear Creek.

CONCURRENT ENROLLMENT IS AVAILABLE FORM UVU FOR 11TH & 12 GRADERS

\$5.00 per credit hour is now charged for concurrent enrollment.

LANGUAGE ARTS

\$4 Writing Lab Fee for All Classes

EN101-2 (E10)

ENGLISH 10

1 credit Grade 10

English 10 will focus on reading, writing, and inquiry standards of achievement, as outlined by the Tenth Grade Language Arts Core. Quoting from this Core, "Reading instruction focuses on electronic text, using explicit and implicit information to evaluate informational text; on the ways in which character development and connections to politics, history, and culture contribute to great literature; and on more complex figurative language, including simile, metaphor, pun, symbolism and personification. Writing focuses on analysis and interpretation of multiple ideas and perspectives to extend thinking through writing. Persuasive writing is a continued emphasis in preparation for the Utah Basic Skills Test. Skills in analytical evaluation and assessment of writing are further nuanced, and editing skills are specific and clearly delineated. Inquiry skills are focused on synthesizing information in preparation for presenting research results." A vocabulary and usage review will also follow the guidelines of the Tenth Grade Language Arts Core.

EN10H1-2 (E10)

ENGLISH 10 HONORS

1 credit Grade 10

Prerequisite: "B" or better in English 9, "C+" or better in English 9 Honors. This course will focus on the same objectives of the Tenth Grade Language Arts Core that are outlined above (see English 10 course description).

However, since this course is an enriched and intensive college-bound course study of literature and composition, pacing will be more rigorous than English 10. This course includes up to 800 pages of independent reading per term.

This class serves as a prerequisite for those students who are interested in taking AP English.

EN111-2 (E11)

ENGLISH 11

1 credit Grade 11

English 11 will focus on reading, writing, and inquiry standards of achievement, as outlined by the Eleventh Grade Language Arts Core. Quoting from this Core, "Reading instruction continues to offer young adults opportunities for improvement through growing sophistication in interaction with a variety of texts. Writing moves to analysis and interpretation of multiple ideas and perspectives to extend thinking and demands synthesizing of ideas to form conclusions and recommend actions. Analytical evaluation and assessment of writing are further nuanced, and editing skills are more sophisticated and specifically and clearly delineated. Inquiry skills are focused on synthesizing information in preparation for presenting research results." A vocabulary and usage review will also follow the guidelines of the Eleventh Grade Language Arts Core.

81111-2 (CTE)

MARKETING WORK EXPERIENCE

May earn up to 2 credits Grades 11-12

\$15 fee Prerequisite: Counselor and teacher approval.

Must be enrolled in a marketing class and maintain a

"C" grade. Job must closely relate to subject material

taught in class. Program offers on-the-job training which is correlated with the in-school related instruction and is designed to bridge the gap between school and work. The training will be directly related to the students' career goals. Students will have a training plan, adequate supervision by a school/district coordinator and will be paid according to state and federal labor laws.

DRIVER'S EDUCATION

X0401-1st semester

X0402-2nd semester

DRIVER'S EDUCATION

.5 credit Grade 10-12

Prerequisite: Student should have Utah State/Parent Learner Permit before class start. \$90 driving fee. This course is designed to fulfill the state requirements for a driver's license under the present Utah State Law. Each student must complete a minimum of 30 hours of classroom instruction, in addition to a minimum of eight hours of range work, which includes four hours of driving and four hours of observation followed by four times on the road. In addition 40 hours driving with a parent is required. Students must pass State Handbook Test or written examination, at the State DLD. The state road test can be taken with the high school road instructors. The eye exam, health form and licensing fee will be taken care of at the State Drivers License Division. Under new State Law, students that are 15 years old may now receive a state learner's permit that allows them to drive with their parent or legal guardian for one year prior to their driver's license.

Summer driver's education is available to students 16 years old by June 1, 2015. The fee is \$135. There will be Summer Driver's Ed. Sessions held. Students must attend every class in their session.

Jr High students can take the Summer school classes, but not the after school classes. The after school courses are for High School students only.

Pleasant Grove High School offers after school Driver's Ed. courses in October, November, January and April.

ENGLISH & APPLIED/ADVANCED



**EN11H1-2 (E11)
ENGLISH 11 HONORS**

1 credit Grade 11

Prerequisite: "B" or better in English 10, "C+" or better in English 10 Honors. This course will focus on the same objectives of the Eleventh Grade Language Arts Core that are outlined above (see English 11 course description). However, since this course is an enriched and intensive college-bound course study of American literature and composition, pacing will be more rigorous than English 11. This course may include up to 800 pages of independent reading per term. **This class serves as a prerequisite for those students who are interested in taking AP English.**

**EN121-2 (ALA)
ENGLISH 12**

1 credit Grade 12

English 12 will focus on reading, writing, and inquiry standards of achievement, as outlined by the Twelfth Grade Language Arts Core. Quoting from this Core, "Reading continues to be taught, emphasizing literary analysis/criticism, historical commentary, political statements, and culturally and historically significant literary works. Writing to learn emphasizes cause and effect, analysis and refutation of opposing opinions, and important text connections. Revision and editing in written work are further refined, and inquiry becomes more meaningful as students approach graduation from school and entrance into the adult phase of their lives." A vocabulary and usage review will also follow the guidelines of the Twelfth Grade Language Arts Core.

**EN121-2 (ALA)
ENGLISH 12 H (BRITISH LITERATURE)**

1 credit Grade 12

This is a senior-level honors English 12 course focusing on British Literature. It follows a Common Core course curriculum which leads students to readiness at a career and college level in writing, reading, poetry analysis, and interpretation. A student mastering this course may choose to engage in further study of British Literature in order to qualify for the College Level Examination Program. (CLEP). **This program enables the student upon successful completion of the College Level Examination test (CLEP) to earn up to six hours of college credit at a school of their choice..**

**EN12H1-2 (ALA)
ENGLISH 12 HONORS)**

1 credit Grade 12

Prerequisite: 'B' or better in English 11, 'C+' or better in English 11 Honors.

Course content includes composition, historical study of English literature, the history of the English language, narrative, descriptive, expository, and persuasive writing, using computer process writing, usage and mechanics through revision of papers, vocabulary, and book reports.

**ENLIA1-2 (ALA)
AP ENGLISH LIT**

1 credit Grade 12

This is a college-level course equivalent to freshman English. Course content includes readings from English literature and writing about literature: students will apply literary analytical principles and terms to short stories, novels, plays, and poetry, and they will also complete a major writing project each term. Students will take the Advanced Placement test in May for up to 8 hours of college credit.

**ENCW1-2 (ALA)
COLLEGE WRITING**

1 credit Grade 12

For Concurrent Enrollment students the following prerequisites needed:

Prerequisites: 1) application and acceptance to UVU; 2) submission of a parental permission slip to Sherry Bowman, Distance Learning Coordinator (Room #129); 3) a B average; and 4) a 19+ on ACT English and Reading scores, or passing a Compass test on the same skills.

This Honors class is for seniors who register to receive Concurrent Enrollment College Writing credits and/or also for good English students who enjoy writing, want to practice writing various paper genres, and learn new writing skills. In this class, besides short writing assignments, students write five very different papers, including 1) a personal narrative about a significant event; 2) analysis of a current news event; 3) a report on a field research project that requires interviews and/or surveys; and 4) a magazine article. In general, students spend more time revising shorter pieces than on writing long papers. Along the way, students will practice and improve their formal and informal research skills. Students also will read and discuss the well-written non-fiction New York Times bestsellers *Glass Castle* and *Into Thin Air*.

(CONCURRENT ENROLLMENT FROM UVU IS AVAILABLE) \$5.00 per credit hour is now charged for concurrent enrollment.

**ENCR1-2 (ALA)
CREATIVE WRITING**

1 credit Grade 12

Prerequisite: "B" or better in English 11, "C" or better in English 11 Honors and a minimum cumulative GPA of 2.7; teacher approval. This course is designed to encourage students who want to explore their writing abilities. Course content includes a broad variety of reading selections and analysis. Students are required to write in many styles and formats (poetry, hero/adventure story, short story, children's literature, satire, and drama). An on-line literary publication will be produced.

**ENCM1-2 (ALA)
COMMUNICATIONS**

1 credit Grades 11-12

In this course students will learn valuable and applicable day to day communication skills. They will learn the elements that influence and build self esteem and self confidence. They will learn the obstacles that reduce self concept and how to overcome these obstacles. They will also learn techniques on how to improve self esteem. Students will learn conflict management skills and how to apply them in their lives. Listening skills and empathy techniques will be taught. Students will learn effective goal setting skills to achieve personal, educational and occupational goals. Students will learn techniques of public speaking, healthy problem/conflict resolution, nonverbal skill and language skills to improve their personal and public relationships. The objective of this course is for each student to improve communication skills with the end result being stronger and more viable relationships with others.



**MYTH (ALA)
MYTHOLOGY**

.50 credit Grade 12

\$7.50 fee

This semester course studies Greek, Roman, Scandinavian and American folklore and mythology to help students learn to appreciate the impact they have on our literature and culture.

**ENSF0 (ALA)
FANTASY/SCIENCE FICTION**

.50 credit Grade 12

\$7.50 fee

The creative potential of an unknown future and the beautiful complexity of imagined worlds are at the heart of Fantasy and Science Fiction. In this course, students will be reading novels and short stories of both of these popular genres. They will examine the evolution of Fantasy and Science Fiction through the 20th Century and will define the aspects of good (and bad) sci-fi/fantasy. They will also do some research on authors of interest and try their hands at creative writing within the genre.

**C25310 (ALA, CTE)
Desk Top Pub NP (NEWSPAPER) SEM 1**

C25610 (CTE, ALA) \$15 fee

Desk Pub 2 NP (NEWSPAPER) SEM 2

Must take Desk Top Pub N-SEN 1 & Desk Pub 2 SEM 2

It's a YEAR class with varied name for each semester.

1 credit Grade 10-12

Prerequisite: "B" or better in previous English courses, "C" or better in previous Honors English courses and a minimum cumulative GPA of 2.7 or teacher approval.

Students will learn fundamentals and techniques of print

media: interviewing, observing, writing, editing, and layout. Students will also learn the basics of desktop publishing, with computer programs such as Adobe PageMaker and Adobe Photoshop. Issues of the school newspaper will be produced monthly.

**ENFL0 (ALA)
FILM LITERATURE**

.5 credit Grades 10-12

This challenging course prepares students to explore and analyze motion pictures as literature. The emphasis will be on developing an understanding of film as a literary expression and as an extension of the written text. Critical analysis in the form of essays is included.

FAMILY AND CONSUMER SCIENCE

**C32010 (CTE)
CHILD DEVELOPMENT (Child Dev.)**

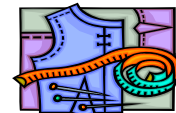
.5 credit Grade 10-12

\$5 fee This course provides an excellent opportunity for young men and women to gain an understanding of how children grow and develop. They learn the value and importance of the dedicated participation of both fathers and mothers in helping children reach their full potential. Topics covered include parenting skills, positive guidance, prenatal development, healthy environments; and the growth and positive care of infants, toddlers, and preschoolers. Students participate in preparing and presenting quality learning games and activities. The class culminates with a preschool in which students participate together to plan and carry out learning activities and games for young children.

**C33020 (CTE)
CLOTHING 2**

.5 credit Grade 10-12

\$10 fee. Students may bring own fabric and other supplies. This course is designed for students with beginning to intermediate clothing construction and consumer skills. Students will explore fabric selection, clothing care, and sewing skills using a sewing machine and a serger. . Student leadership (FCCLA) will be an integral part of this course.



**C3311 (CTE)
Designer Clothing (Quilting)**

.5 credit Grade 10-12

\$10 fee This course is designed to focus on entrepreneurship, career opportunities, and skills in apparel construction, textiles and technology. Previous sewing experience is recommended. Students will learn quilt-piecing techniques, interiors fabrication and beginning apparel pattern drafting. Student leadership (FCCLA) will

be an integral part of this course.

C33210 (CTE)
FASHION STRATEGIES
.5 credit Grade 10-12

\$5 fee This course is designed for students who are interested in fashion. Personal fashion types are explored, with emphasis on individual characteristics, silhouette, grooming and wardrobe planning. Students learn to identify fashion trends and fads as compared to classic styles. Fashion history, color, and design principles are included in this course. Careers related to the fashion industry are incorporated. Student leadership (FCCLA) will be an integral part of this course..

C34010 (CTE)
FOODS 1
.5 credit Grade 10-12

\$10 lab fee Instruction in basic nutrition and how it affects the health of individuals and families. Instruction is given in the selection and preparation of food using the pyramid as a guideline. Health and well-being are emphasized from a personal perspective. Decision-making skills are implemented through hands-on activities. **Student leadership (FCCLA) will be an integral part of the course.**



C34020 (CTE)
FOOD 2
.5 credit Grade 10-12

\$10 lab fee Advanced concepts and principles of nutrition and effect on our health. Instruction is given in the social and psychological factors that affect the choices of food and individual/family food patterns and needs. Skills in meal planning and preparation are emphasized and the economic concerns of eating nutritionally balanced meals are addressed. **FCCLA, a student leadership club, is an integral part of this class.**

C34511-2 (CTE)
PRO START 1
(FOOD SERVICE/CULINARY ARTS)
\$20 lab fee 1 credit Grade 11-12

Prerequisite: Two previous high school foods classes or teacher approval. Designed for hospitality or food service careers. Gives a broad overview of the commercial food service industry. Explains techniques and procedures of quality and quantity food production. Includes lectures and labs. Completers should be prepared to enter the field as a prep cook. Students are required to participate in catering experiences including faculty luncheons and other school events. **Student leadership (FCCLA) will be an integral**

part of the course.

C35010 (CTE)
INTERIOR DES. – SEM 1
C35020
INTERIOR DESIGN 2 – SEM 2
1 credit Grade 10-12

Must take Interior Des. SEM 1 and Interior Design 2 SEM 2. It's a YEAR long class with varied name each semester.
\$10 fee.

Students will explore their creativity in the field of interior design. Identification of the elements and principles of design are emphasized. Other topics included are furniture arrangement basics, floor plan evaluation, area planning and careers. Class projects will provide applications in the study of: architecture, furniture styles and constructions, surface treatments and backgrounds, design and function of space and lighting. FCCLA will be an integral part of the course.

FINANCIAL LITERACY

FINLIT (FIN)
FINANCIAL LITERACY
.50 credit Grade 11-12

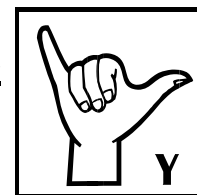
Course is designed to provide students the opportunity to prepare for the choices and challenges of today's financial markets. A better understanding of personal finance will help students move into adulthood making more informed monetary decisions, realizing a greater potential for personal wealth, and fostering a stronger state and national economy. **(THIS IS A GRADUATION REQUIREMENT)**



FOREIGN LANGUAGE

LAS11-2
ASL 1 (American Sign Language 1)
1 credit Grade 11-12 Limited Enrollment

\$7.50 fee This is an introductory course in American Sign Language as developed and used by the Deaf community in most areas of North America. It consists of a preparatory phase to attune students to communication in the manual-visual mode, followed by instruction and practice in vocabulary, sentence structure, elementary conversation, and literature. In addition, the course provides a survey of various issues raised by examining ASL and the Deaf community. An opportunity to build receptive and expressive sign vocabulary; use of signing space; further use of non manual components of ASL grammar including facial expression and body postures, and introduction to conversational regulators. The course includes the discussion of regional and ethnic sign variations, and social, political and educational institutions of the Deaf community.



LAS21-2**ASL 2 (American Sign Language 2)****1 credit Grade 11-12 Limited Enrollment****\$7.50 fee Prerequisite: Successful completion of ASL 1 or permission from instructor.** This course emphasizes

further development of receptive and expressive skills.

Introduction to language forms used in ASL poetry and to the features of culture as displayed in art and theater. This course consists of intensive use of expressive and receptive skills in complex grammatical structures, dialogues, and storytelling.

LCH11-2**CHINESE 1****1 CREDIT Grade 10-12****\$7.50 fee**

In this class, students begin to communicate sufficiently to satisfy basic survival needs and minimum courtesy requirements. They can ask and answer some simple questions, respond to and sometimes initiate short statements and maintain simple conversation. Students understand and interpret written and spoken language on a variety of topics.

LFR11-2**FRENCH 1****1 credit Grade 10-12****\$7.50 fee** This is an introduction to the French language. Students will learn basic communication skills through lots of conversation, games, group work, listening activities, authentic media, cultural presentation and a dash of history and geography. Classes will be conducted in both English and French.**LFR21-2****FRENCH 2****1 credit Grade 10-12.****\$7.50 fee.** Prerequisite: French 1 or equivalent

Students will strengthen their speaking and listening skills through situational role playing, in-class presentations, games, activities, videos and cultural readings. Aspects of French history will also be covered. Classes will be conducted in both English and French.

LFR31-2 (ALA)**FRENCH 3****1 credit Grade 10-12****\$7.50 fee. Prerequisite: French 2.**

This course will emphasize speaking and listening skills. The class is conducted almost exclusively in French. Students will learn to express themselves in a wide variety of social contexts. Certain grammatical structures and concepts will be taught to increase communicative ability and to prepare for French 4.

LFR41-2 (ALA)**FRENCH 4 Combined with****LFR5A1-2 (ALA)****FRENCH AP****1 credit Grade 10-12****\$7.50 fee. Prerequisite: French 3.**Using French, students will learn more advanced grammar concepts, applying them through speaking, listening and writing activities. Excerpts from French literature and French history will be read and discussed. Additional preparation for the AP exam is available to students in their 5th year of study.**CONCURRENT ENROLLMENT CREDIT FROM UVU IS AVAILABLE FOR 11TH & 12TH GRADERS.**

\$5.00 per credit hour is now charged for concurrent enrollment.

GR11-2**GERMAN 1****1 credit Grade 10-12****\$7.50 fee** An introduction to the German language and culture. The student learns accurate pronunciation, elementary vocabulary, and correct usage of the basic structural patterns of German. Students will learn to express themselves in oral conversation, practice the skills by means of dialogues, structure drills, reading selections, and written exercises.**LGR21-2****GERMAN 2****1 credit Grade 10-12****\$7.50 fee Prerequisite: German 1.** Continues the development of speaking, writing, listening, and reading skills in German, and the study of German culture. Emphasis is on expansion of vocabulary and knowledge of basic grammatical structures. Materials based on everyday activities and the culture of the German-speaking people.**LGR31-2 (ALA)****GERMAN 3****1 credit Grade 10-12****\$7.50 fee Prerequisite: German 2.** Class is conducted almost exclusively in the language, continuing the emphasis on the four skills. The objective is to enable the student to carry on simple conversations and express themselves in writing.

Reading will be from more complex selections, including some poetry and prose from famous German authors.

LGR41-2 (ALA)**GERMAN 4 Combined with****LGR5A1-2 (ALA)****GERMAN AP****1 credit Grade 10-12****\$7.50 fee Prerequisite: German 3.** An individualized class opens to students who have completed the equivalent of German 3 and who are highly motivated to perfect their learning of German which will enable them to take the AP examination. They must be willing and able to work consistently on their own with minimum supervision.**CONCURRENT ENROLLMENT IS AVAILBEFROM UVU FOR GERMAN 4 FOR 11TH & 12TH GRADERS.**

\$5.00 per credit hour is now charged for concurrent enrollment.

LSP11-2
SPANISH 1

1 credit Grade 10-12

\$7.50 fee Prerequisite: Have not had any Spanish, or have had less than 1 full year. No native speakers. Class stresses the four language skills of listening, speaking, reading, and writing. Students practice the skills by means of guided conversation, structure drills, listening exercises, reading material that will help improve reading skills, and writings that focus on the grammar learned in each chapter of the text book.

LSP21-2
SPANISH 2

1 credit Grade 10-12

\$7.50 fee Prerequisite: Completed Spanish 1 (1 full year). No native speakers. Students will continue to practice pronunciation and grammar through a variety of exercises. Pupils will focus on developing comfort of expression and will be expected to participate with others frequently. Students can expect daily homework. Teacher will speak Spanish extensively.

LSP31-2 (ALA)
SPANISH 3

1 credit Grade 10-12

\$7.50 fee Prerequisite: Spanish 2 or native speaker. Spanish is used almost exclusively in the classroom with emphasis on the use of different tenses, conversation, reading, and writing. Creative projects where students have to use oral language will be part of the assessments used.



LSP41-2 (ALA)
SPANISH 4

1 credit Grade 10-12

\$7.50 fee Prerequisite: Spanish 3 or teacher approval. Open to students who have completed the equivalent of Spanish 3 and who are highly motivated to perfect their speaking ability in Spanish. Students will be expected to speak Spanish at all times in class. They must be willing and able to work consistently on their own with minimum supervision. **CONCURRENT ENROLLMENT IS AVAILABLE FROM UVU FOR 11TH & 12TH GRADERS.** \$5.00 per credit hour is now charged for concurrent enrollment.

LSP5A1-2 (ALA)
SPANISH AP

1 credit Grade 10-12

\$7.50 fee Prerequisite: Spanish 4, or pass the admittance test. Spanish-speakers must know how to read and write in Spanish. Open to students who are fluent in Spanish and are

highly motivated to perfect their language skills in preparation to take the AP exam. The class is conducted entirely in Spanish. Great emphasis is placed on development of reading, writing, listening and conversational skills. **CONCURRENT ENROLLMENT IS AVAILABLE THROUGH UVU FOR 11TH AND 12TH GRADERS.** \$5.00 per credit hour is now charged for concurrent enrollment.

HEALTH **EDUCATION**



POH20 (H)
HEALTH SR. (HEALTH 10)

.5 credit Grade 10-12 Required in 10th grade.

Students will study the development of mental, physical, and emotional health. The emphasis of this class will include instruction on how to obtain a healthy lifestyle--both physically and mentally. Course of study will include nutrition, stress, substance abuse, family/commitment/marriage, self-esteem, and refusal skills and human sexuality.

HEALTH OCCUPATIONS ACADEMY

This academy will prepare students for careers in the health-care field. Every objective and activity in the academy is toward this end. With a dedicated staff of instructors and a supportive administration, we feel this academy is an exciting concept to offer to our students. This Academy includes a multi-level, cross-disciplinary curriculum for students preparing for careers in health-related fields. Highlights include the following:

- *A direct connection between classroom and the work place, increasing student's academic and technological skills
- *An applied academic approach, creating a more viable link between health-care employment and relevancy in the classroom, as well as improved integration of academics and career planning
- *Improved school-to-work transition
- *Integrated academic material in health, English, and science with knowledge and competencies used in an actual health care setting.
- *Correlated curriculum designed to include the National Health Care Skills Standards
- *Participation in HOSA competition and academy
- *Higher relevancy of course work
- *Opportunities to enroll in an integrated sequence of courses that correlate with specific post-secondary majors in health related field
- *Concurrent credit and the possibility of the first year of college completed
- *Learning focused on completion of a two-year associate degree, a two year certificate leading to employment, or a

four-year baccalaureate degree or beyond.

C42010 (CTE)
HEALTH SCIENCE INTR.
(Beginning Medical Anatomy & Physiology)
.5 credit Grade 10

Introductory anatomy and physiology, medical terminology, medical ethics, diseases and disorders are covered in sufficient depth to prepare students for a health technology program or for college preparation in the Health Science Advanced class & dissection labs. Also includes four dissection labs.

Designed to create an awareness of career possibilities in health-care and inform students of the educational options available for health technology and health science programs.

C42211-2 (CTE, ASC)
MEDICAL ANATOMY AND PHYSIOLOGY
(Med. Anat. Phys.)
1 credit Grade 11-12

No Prerequisite for this course, Introduction to Health Science students will receive preference. **HIGH SCHOOL APPLIED SCIENCE CREDIT.** The class will examine each of the twelve body systems at a level of detail that will prepare any student pursuing a career in medicine and health care to competently pass the college courses that await them. The student will develop a working knowledge of anatomy, physiology, and pathophysiology. Innovative laboratory exercises and dissections will be used to help the student become familiar with clinical procedures and medical disorders. Field trips to explore health careers and medical cadavers are also incorporated into the course to heighten the students' learning experience. This class is a must for any student pursuing professions such as nursing, physical therapy, medicine, or dentistry.

C42021-2 (CTE)
HEALTH SCIENCE ADVANCED
1 credit Grade 11-12

This full year course teaches concepts of a variety of Health Science fields. Physiology, and medical terminology will be used to examine the structure and function of the human body. Topics such as medical ethics, osteology, cardiology, pulmonology will be explored to help the student develop an understanding of vast and rewarding fields of health science.

C41110 (CTE)
EMERGENCY MEDICAL SERVICES
(Advanced First Aid)

.50 credit Grade 11-12 Recommended: prerequisite or concurrently enrolled in Anatomy/Physiology or Sports Medicine This semester course provides students with advanced emergency medical information and skills. Students will participate in a mock disaster at the end of the course and will be certified from the American Red Cross as a First Responder. Subjects covered include: legal issues, breathing and cardiac emergencies, systems of the body, childbirth, and issues specific to infants and children.

C43111-2 (CTE)
MEDICAL TERMINOLOGY
.50 credit Grade 11-12

This is a one semester course that helps students understand the Greek and Latin-based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, anatomical terms, and terms associated with movement of the human body. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This course is helpful to anyone considering the healthcare field **CONCURRENT ENROLLMENT IS AVAILABLE FROM UVU**

\$5.00 per credit hour is now charged for concurrent enrollment.

C81410 (CTE)
INTERNSHIP
.50 Credit Grade 12 MUST HAVE CAREER GOAL!
Prerequisite: Teacher approval and must take a related CTE course at the high school. Must have a 3.00 GPA.

This semester or year class offers on-the-job training in the chosen field. The internship will be an **UNPAID** learning experience. Students will receive close supervision from the instructor and a mentor at the internship location. The internship includes two weeks in class at the beginning of the semester and two weeks at the end of the semester to work on various written assignments and paperwork. Additionally, the class will meet every other Monday to share experiences and learn job skills.

ONLY OFFERED ON 'A' DAYS & MUST BE TWO CLASS PERIODS IN A ROW. FOR EXAMPLE: A1 & A2 OR A2 & A3 OR A3 & A4 OR A4 & A5.

C41011-2 (CTE)
EX SCI/SPORT MED.
1 credit Grade 11-12
Prerequisite: Health Sci. Int. & must have B average. An introduction to sports medicine including practical application of knowledge and skills of an athletic trainer, including: **prevention of injuries, injury recognition, body response to injury, injury evaluation and management techniques, basic anatomy and medical terminology, and taping techniques.** **CONCURRENT ENROLLMENT AT UVU AVAILABLE FOR 11TH & 12 GRADERS.**
\$5.00 per credit hour is now charged for concurrent enrollment.

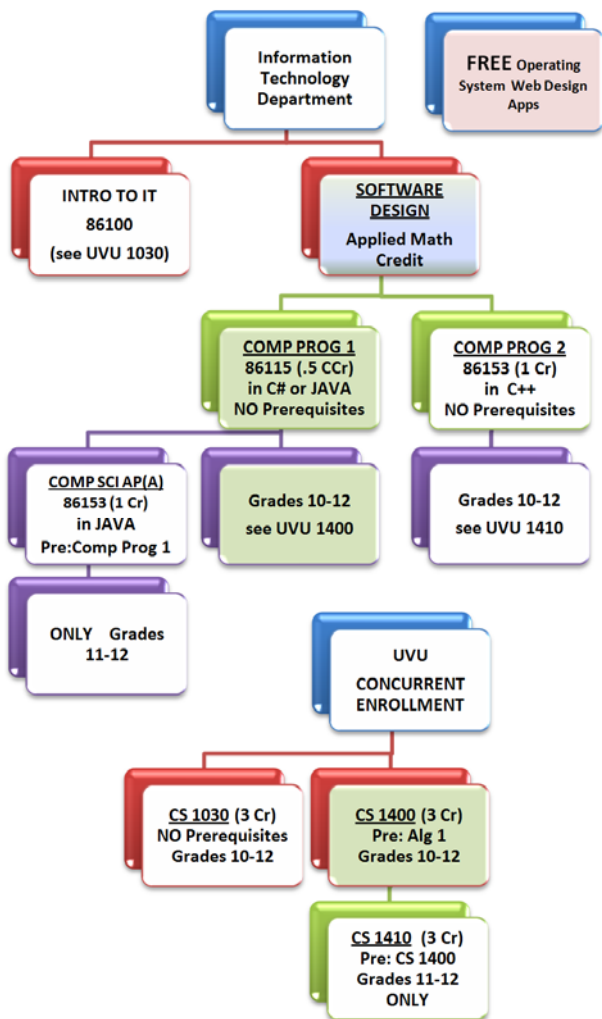


INFORMATION TECHNOLOGY

C60010 (CTE)
INTRO TO INFORMATION TECHNOLOGY
(WEBPAGE DESIGN)
.5 credits, Grades 10-12
\$15 lab fee

NO PGHS Prerequisites:

Bonus: FREE SOFTWARE! Upon successful completion of each term, students can receive one personal copy of an allowed Microsoft operating system: **Windows XP, Vista, Windows 7**, and applications from a list selection through ELMS, **Virtual PC, Expressions, Visual Studio, Visio**, etc.



Make **WEB PAGES**, **ADVANCED SLIDE SHOWS**, and **PROGRAMS**. **BUILD A COMPUTER** "on a stick", and learn how to buy a good computer. The four program areas of the class are: Interactive Multimedia, Networking, Personal Computer maintenance, and Programming. The goal of this course is to help students identify Information Technology career areas they might be interested in.

CONCURRENT ENROLLMENT AT UVU AVAILABLE FOR 11TH & 12 GRADERS. \$5.00 per credit hour is now charged for concurrent enrollment.

C61510 (CTE, AMC) SEMESTER CLASS
COMPUTER PROGRAMMING 1A (SOFTWARE DESIGN) – Applied Math Credit
.5 credits, Grades 10 - 12
\$15 lab fee

NO PGHS Prerequisites:

Bonus: FREE SOFTWARE! Upon successful completion of each term, students can receive one personal copy of an allowed Microsoft operating system: **Windows XP, Vista, Windows 7**, and applications from a list selection through ELMS, **Virtual PC, Expressions, Visual Studio, Visio**, etc.

This **Software Design** course is for beginners and covers about ½ of the book. We convert real life cases into problem solving steps. Formulas are coded and the computer does the work. Input and output screens are designed to allow keyboard entry and to display the results. Students also learn to work in groups.

C6151-2 (CTE, AMC) YEAR CLASS
COMPUTER PROGRAMMING 1A/1B
1 credit Grades 10-12
\$15 lab fee

NO PGHS Prerequisites:

Bonus: FREE SOFTWARE! Upon successful completion of each term, students can receive one personal copy of an allowed Microsoft operating system: **Windows XP, Vista, Windows 7**, and applications from a list selection through ELMS, **Virtual PC, Expressions, Visual Studio, Visio**, etc.

This **Software Design** course is for beginners and covers about ½ of the book. We convert real life cases into problem solving steps. Formulas are coded and the computer does the work. Input and output screens are designed to allow keyboard entry and to display the results. Students also learn to work in groups.

Concurrent Enrollment credit is available if UVU's prerequisites are met. UVU Concurrent Enrollment Prerequisites: Secondary Math 1. \$5.00 per credit hour is now charged for concurrent enrollment.

**C61531-2 (CTE, AMC)
COMPUTER PROGRAMMING 2 (SOFTWARE
DESIGN 1 & 2) – Applied Math Credit
1 credit, Grades 10 – 12, 11-12 for UVU credit
\$15 lab fee**

Bonus: FREE SOFTWARE! Upon successful completion of each term, students can receive one personal copy of an allowed Microsoft operating system: **Windows XP, Vista, Windows 7**, and applications from a list selection through **ELMS, Virtual PC, Expressions, Visual Studio, Visio**, etc.

This **Software Design** course is for beginners and each semester covers about ½ of the book.

During the first semester: we convert real life cases into problem solving steps. Formulas are coded and the computer does the work. Input and output screens are designed to allow keyboard entry and to display the results. Students also learn to work in groups.

During the second semester: we introduce advanced design concepts: data structures, class inheritance, linked lists, binary trees. Students will complete a large programming project.

Concurrent Enrollment credit is available if UVU's prerequisites are met and the student is enrolled for the full year.

UVU Concurrent Enrollment Prerequisites: Only for Grades 11-12, Secondary Math 1 and Computer Programming 1. \$5.00 per credit hour is now charged for concurrent enrollment.

**C61611-2 (CTE, AMC)
CMPTR. SCI AP (Computer Science A Exam in
Java) (SOFTWARE DESIGN) – Applied Math Credit
1 credit Grade 11 - 12
\$15 lab fee
PGHS Prerequisite: Computer Programming 1
(86115)**

Bonus: FREE SOFTWARE! Upon successful completion of each term, students can receive one personal copy of an allowed Microsoft operating system: **Windows XP, Vista, Windows 7**, and applications from a list selection through **ELMS, Virtual PC, Expressions, Visual Studio, Visio**, etc.

This course: is designed for individuals who plan to take the AP Computer Science A Exam. Students must have taken Computer Programming 1 before attempting this class. This is an Advanced Placement class in computer application programming. Students will use Object Oriented Programming techniques to compose their own programs while preparing to take the AP Exam.



MATH & APPLIED/ADVANCED MATH CORE

\$4 Fee For All Math Classes

Please give special attention to the prerequisites listed for the class in which you intend to enroll next year. All math courses have prerequisites that need to be satisfied before a student enrolls in a class. The nature of math requires students to master basic concepts from prerequisite courses in order to succeed in the next course. Consequently, we highly recommend that students **retake** a course, when necessary, in order for the student to have the proper tools for success before moving on to the next level of math. Once a student passes a math class, that class cannot be retaken for math credit. It can, however, be retaken for elective credit.

If you do not meet the prerequisite requirements for a class that you would like to take, you may still be able to sign up for the class if you have approval from the teacher.

**C61510 (CTE, AMC) SEMESTER CLASS
COMPUTER PROGRAMMING 1A (SOFTWARE
DESIGN) – Applied Math Credit**

**C6151-2 (CTE, AMC) YEAR CLASS
COMPUTER PROGRAMMING 1A/1B
1 credit Grades 10-12 Applied Math Credit**

**C61611-2 (CTE, AMC)
CMPTR. SCI AP (Computer Science A Exam in
Java) (SOFTWARE DESIGN) – Applied Math Credit**

**M0901-2 (MC)
SECONDARY MATH I (SEC MATH I)
1 credit Grade 10-11**

Secondary Mathematics is replacing Algebra 1. Students in Secondary Mathematics will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying

linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

M1001-2 (MC)
SECONDARY MATH II (SEC MATH II)
1 credit Grade 10-12

Students in Secondary Mathematics II will focus on quadratic expressions, equations, and functions. They will extend the set of rational numbers to the set of complex numbers and link probability and data through conditional probability and counting methods. Students will also study similarity and right triangle trigonometry, as well as study circles with their quadratic algebraic representations. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

M1101-2
SECONDARY MATH III
1 credit Grade 10-11

Prerequisite: Secondary Math II grades of C or better
Students in Secondary Mathematics III will focus on pulling together and applying the accumulation of learning that they have from their previous courses. They will apply methods from probability and statistics, expand their repertoire of functions to include polynomial, rational, and radical functions, they will expand their study of right triangle trigonometry and will bring together all of their experience with functions and geometry to create models and solve contextual problems. Two options are available in this course (Honors and Regular). A student should select the option that best meets their needs based on past performance and academic plans. The two options will cover the content described above but differ in the depth of coverage and extensions included. **Secondary Math III Honors: B or better in Secondary Math II honors. This is the best preparation for students planning to take AP Calculus at PGHS** **Secondary Math III Regular: B or better in Secondary Math II or C or better in Secondary Math II Honors. Successful completion of this course will prepare students for Precalculus the following year.**

MX071 MATH LAB
.50 credit Grade 10-12

The Counselors and Math Teachers will make recommendations for this class.

This is a math lab that supplements Secondary Math 2 or

Algebra 2. It is time to work on homework with a math teacher available to answer questions when students need help or if they get stuck on a math problem. It is intended for students who struggle in math, or have too many extra curricular activities that getting homework done is difficult. It is an elective credit.

M6001-2 (AMC)
COLLEGE PREP MATH
1 Credit Grade 10-12

Prerequisites: “D” or better in Algebra 2. This course is designed for students who wish to continue their mathematical preparation for college but do not feel ready to move on to Precalculus. Students will continue to acquire the skills needed to be successful in Math 1050 (College Algebra). The focus of the course will be on analysis and use of functions. Topics of study include: Exponents; Polynomial Expressions; Function analysis including: Absolute value, Quadratics, Exponential and Logarithmic, Rational, Radical, and Trigonometric functions; Equations and Systems of Equations; Conic Sections; and Descriptive Statistics. Emphasis will be given to collecting data to motivate the development of the analytical model of each function that will be studied.

Students who plan to take AP Calculus at PGHS should take Pre calculus instead of this course.

M6101-2 (MC, AMC)
PRECALCULUS
1 credit Grade 10-12

Prerequisites: “B-” average or better in Algebra 2 and Geometry. The main goal of Pre Calculus is for students to gain a deep understanding of the fundamental concepts and relationships of functions. Students will expand their knowledge of quadratic, exponential, and logarithmic functions to include power, polynomial, rational, piece-wise, and trigonometric functions. Students will investigate and explore mathematical ideas and develop multiple strategies for analyzing complex situations. Graphing calculators are used to build understanding, make connections between representations, and provide support in solving problems. Students will analyze various representations of functions, sequences, and series. Students will analyze bivariate data and data distributions. Students will apply mathematical skills and make meaningful connections to life’s experiences. Precalculus is highly recommended preparation for students who plan to continue their formal education beyond high school. Mastery of topics studied in this course is prerequisite to enrolling in AP Calculus at PGHS.

M7A0A1-2 (MC, AMC)
AP CALCULUS AB
1 credit Grade 11-12

Prerequisite: “A- or better grade in Precalculus. This course is equivalent to a first semester college calculus

course. Topics include limits, derivatives and their applications, integrals and their applications, as well as the calculus of trigonometric, logarithmic, and exponential functions. A heavy emphasis is placed on preparing students to take the advanced placement test. All students taking this course are expected to take the AP calculus exam in May to determine possible college credit and/or placement. An optional mathematics “**Lab AP Math**” class is also available for students interested in a period for receiving extra help learning calculus concepts.

MX601-2 (ELECTIVE)

LAB AP MATH

1 credit

Prerequisite: Concurrent enrollment in AP Calculus AB

This class gives students time to work together doing activities which will better prepare them to pass the AP Calculus Exam and *reduce* the amount of time needed to work on math homework outside of the regular school day. These activities include getting help from their calculus instructor, working in small groups on assignments from the regular calculus class, practicing needed skills and memorizing important formulas, learning to use a graphing calculator to solve calculus problems, and reviewing and practicing material previously learned.

M7B0A1-2 (MC, AMC)

AP CALCULUS BC

1 credit Grade 11-12

Prerequisites: An A grade in Precalculus or C or better grade in AB Calculus . This class will be held every A and B day instead of only on B-days, since this course is equivalent to the first two calculus classes at a university.

In addition to the topics of AB Calculus, students will study the convergence of series, and the calculus of vectors, parametric and polar curves. Heavy emphasis is placed on preparing students to take the advanced placement test in mathematics. All students taking this course are expected to take the AP calculus exam in May to determine possible college credit or placement. This class is very accelerated and is for only the most dedicated math student who has the ability to learn and master college calculus concepts quickly.

BC students do not enroll in the LAB AP Math class.

M8201-2 (MC, AMC)

AP STATS (statistics)

1 credit Grades 11-12

Prerequisite: “B” grade or better in Precalculus. AP Statistics will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four main themes: 1-Exploring data: describing patterns and departures from patterns; 2-Sampling and experimentation: planning and conducting a study; 3-Anticipating patterns: exploring random phenomenon using probability and simulation; and 4- Statistical references: exploring population parameters and testing hypotheses. Computers as data analysis tools will be used. The AP test markers recommend the use of a graphing calculator for this course as well. Students completing the course will be

expected to take the AP Statistics exam at the end of the year. This course is highly recommended for college bound students planning on majoring in the human, social or physical sciences.

C2211-2 (AMC, CTE)

ACCOUNTING 1/ACCOUNTING 2

It’s a YEAR class with varied name for each semester.

1 credit Grades 10-12

\$15 fee. Students will learn how businesses keep their records. Students develop an understanding of the principles and procedures in handling cash, recording in journals and posting to ledgers, preparing financial reports and handling payrolls. Students learn to systemize information about transactions into accounts and records, verify accuracy of data by applying auditing principles, and operate bookkeeping and calculating machines. Applications of the accounting principles may be learned on the microcomputer as part of the instruction.



MUSIC

A4211-2 (A)

CHORUS-SA (soprano, second soprano, and alto)

1 credit Grade 10-12

\$50 participation fee

Students are expected to sing with the group in rehearsal and performance settings.

Women’s Chorus: Ladies striving for mastery of vocal skills in preparation for upper level choral activities. Literature featuring soprano, second soprano, and alto voicing will be sung with an emphasis on tone and attention to changing voices. Class serves as training for the A Cappella Choir. No audition is required. (Prerequisite for A Cappella Choir.)

A4231-2 (A)

CHORUS-TB (tenor 1, tenor 2, baritone, and bass)

1 credit Grade 10-12

\$50 participation fee

Students are expected to sing with the group in rehearsal and performance settings.

Men's choir: Men striving for mastery of vocal skills in preparation for upper level choral activities. Literature featuring tenor, baritone and bass voicing will be sung with an emphasis on tone and attention to changing voices. Class serves as training for the A Cappella Choir. No audition required (Prerequisite for A Cappella Choir.)

**A4161-2 (A)
CONCERT CHORALE (Advanced Women's)**

1 credit Grade 11-12

\$50 participation fee

Concert Attire: Not to exceed \$120

Tour (optional): Cost TBA

Prerequisite: Audition. A highly trained group of women's voices seeking quality choral experiences. Emphasis is placed on the developing voice in relation to other vocal parts. Concepts such as balance, blend, and intonation are stressed. This group will perform and compete with A Cappella Choir as well as participate in the annual spring tour. Members are expected to purchase concert apparel and participate in all performances.

**A4001-2 (A)
CHOIR – ACAPPELLA**

1 credit Grade 11-12

\$50 participation fee

Prerequisite: Audition. Robe rental \$35.

Tour (optional): Cost TBA

Large auditioned group of mixed voices. Emphasis is placed on high quality performance in many styles of singing from madrigals and art songs to popular music as well as music from the master composers. The choir makes several appearances each year including community events, school activities, formal concerts and choral festivals. In addition, the choir takes an optional spring tour. Tours of the past have included both northern and southern California as well as Washington D.C and Chicago. (Prerequisite for Chamber Choir).

**A4111-2 (A)
CHAMBER CHOIR**

1 credit Grade 11-12

\$50 participation fee

Prerequisite: Audition. Concert attire: Not to exceed \$200. Tour (optional): Cost TBA

Class of 32 select voices selected to pursue high excellence in singing including mastery of several styles of music from Renaissance to contemporary. The choir makes several appearances each year including civic events, school activities, formal concerts, and choral festivals. Members are chosen from the A Cappella Choir by audition at the end of the previous school year. Membership in A Cappella Choir or Adv. Women's Choir is expected.

**A705A1-2 (A)
AP MUSIC THEORY
1 credit Grade 11-12**

Prerequisite: Teacher approval. AP exam: \$86. Provides students with an introduction to music analysis and composition on a level equivalent to a first year college music theory course. Course content will be drawn from the basics of music terminology, analysis, composition, and ear-training. Students who enroll should have had some instrumental or vocal experience. Piano skills are helpful but not necessary. AP exam available.

**A8001-2 (A)
ORCHESTRA (Open enrollment)**

1 Credit Grades 10-12

\$50 fee Prerequisite: At least one year of experience on a string instrument (violin, viola, cello or bass)

\$70 Instrument rental fee (if needed—check for instrument availability)

\$50-\$120 Concert Attire Purchase (if needed)

Students will study music intended to strengthen their understanding of fundamental skills and concepts. A smaller class size allows for more personal attention. Designed for players who have not had as much experience, have missed important concepts or skills, or lack confidence in their playing. Expected practice requirement of 30 minutes daily.

**A8041-2 (A)
SYMPHONIC ORCHESTRA**

1 credit Grade 10-12

\$50 fee Prerequisite: Above average facility on a string instrument (violin, viola, cello, bass). Audition required in March-April of previous year.

\$70 Instrumental rental fee (if needed- check for instrument availability)

\$50-\$120 Concert Attire Purchase (if needed)

\$50-\$500 Tour Cost (Optional)

Students will study music of various styles and perform in concerts, festivals, assemblies, and tours. Some students may also be involved with the school musical. The class focus is moving from a solid playing ability to a refined performance sound. Expected practice requirement of approximately 45 minutes daily.

**A8021-2 (A)
ORCHESTRA ADVANCED**

1 credit Grade 10-12

\$50 fee Prerequisite: Audition required in March - April of previous year.

\$70 Instrumental rental fee (if needed- check for instrument availability)

\$50-\$120 Concert Attire Purchase (if needed)

\$50-\$500 Tour Cost (Optional)

Students will perform a variety of music in concerts, festivals, assemblies, tours, the school musical, and run-out concerts. Designed for advanced string players, the expectations are very rigorous and demanding. Expected practice requirement of approximately 1 hour daily.

**A3410 (A)
GUITAR
.5 Credit Grade 10-12**



Prerequisite: Must provide own 6 string acoustic guitar. Textbook can be checked out from the school or purchased for \$16

This course is an introduction to playing the guitar. It is intended for beginners with little to no guitar experience. Students will learn chording, note reading, tab, and rhythms. They will play music pieces ranging from country to classical.

**A3420 (A)
GUITAR 2 ADVANCED
.5 Credit Grade 10-12**

This course is for students who have already taken guitar 1 or for those who can already perform basic note, rhythm and tablature reading as well as basic chording. Intermediate ensembles and solos will be played with many genres of music covered.

**A3111-2 (A)
JAZZ BAND 2 (early morning)
1 credit Grade 10-12**

Prerequisite: Concurrent enrollment in Wind Ensemble, Symphonic Band or Percussion (piano, guitar, and bass exempt). \$70 equipment fee required for students who need an instrument. An advanced ensemble opens to any student by audition who has previously been involved in jazz band. The student must play saxophone, trumpet, trombone, drums, guitar, piano, or bass. Emphasis is placed on performing advanced jazz literature and improvisation. This band will perform at concerts, festivals, and assemblies.

**A3001-2 (A)
MARCHING BAND
.25 credit Grade 10-12**

Marching Band begins rehearsing at the beginning of the summer for various local parades. They play at several competitions and football games during the fall quarter. Rehearsal resumes about two weeks before school begins and continues when school starts. **(Three days a week after school, through October).**

**A3501-2 (A)
PERCUSSION
1 credit Grade 10-12 (Auditions required)**

Prerequisite: Any previous percussion experience. \$35 participation fee, \$70 equipment rental fee. Students learn basic rudiments, mallet technique, timpani technique, Latin instruments and basic musicianship. Emphasis is placed on music literacy. Percussion students perform as an ensemble and as the percussion section of the Wind Ensemble, Symphonic Band and the Orchestra concerts, festivals, assemblies and games. Participation in Marching Band is encouraged.

**A3261-2 (A)
SYMPHONIC BAND
1 credit Grade 10-12**

Prerequisite: Previous experience on a band instrument. \$50 participation fee. \$70 is required for students who

need to use school equipment. An intermediate ensemble open without audition to any student who plays a brass or woodwind instrument. Emphasis is placed on building music performance skills in preparation for Wind Ensemble auditions. This band will perform at concerts, festivals, assemblies, and games. Participation in Marching Band is encouraged.

**A3271-2 (A)
ADVANCED WIND SYMPHONY
1 credit Grade 10-12**

Prerequisite: Audition. \$50 participation fee and \$70 equipment rental fee for students who need to use school instruments. Membership in this class represents an advanced level of musical achievement and is by audition only. Auditions are open to all brass and woodwind instrumentalists' grades 10-12. This ensemble is directed toward performing the finest in contemporary traditional, and classic band literature. Students perform at concerts, festivals, assemblies and games. Participation in Marching Band is encouraged.

PHYSICAL EDUCATION



**P8000 (PEA)
LA-AEROBICS (Female)
.5 credit Grade 10-12**

\$5 towel fee. Additional fee required for this class. Physically demanding exercise class. High levels of cardio and muscular workouts. Must be in good physical condition for this class. Class includes written paper, quiz's and journal.

Class will emphasize total body fitness through increasing the student's cardiovascular endurance, strength, flexibility and proper weight control. Each student will provide his/her own school approved work-out clothing.

**P4FIT0 (PEF)
FITNESS FOR LIFE
.5 credit Grade 10-12**

\$5 towel and locker fee per semester

Additional fee required for this class.

\$20 uniform fee (\$10 shirt \$10 shorts)

Text Fitness for Life (Corbin & Lindsay)

Fit for life is an individualized, concepts-based course designed to give the students knowledge and skills necessary to self-assess, create, conduct, calculate, and redesign personal fitness programs. It is a combination of classroom-based and activity-based learning activities. Activities include exercise ball, medicine ball, jump rope, exercise bands, circuit training, weight training, gymnastics, plyometrics, pull up, push up, sit up, run, etc... Male and Female activities will not necessarily be the same.

An approved student text *Fitness for Life* (Corbin & Lindsay) is part of the class.

**P7010 (PEA)
LIFETIME ACTIVITIES 1**

.5 credit Grade 10-12

\$5 towel and locker fee per semester.

Additional fee required for this class.

\$20 uniform fee

Boys \$45 participation fee (bus, swim & bowling, golf, bike) Girls \$25 participation fee (bus, swim & bowling, bike)



Individualized Lifetime Activities is a more specialized class designed to develop a higher life of proficiency and more in depth expertise in up to three different activities. Students will be engaged in activities in activities that they can participate in for the rest of their lives. Activities include swimming, bowling, golfing, biking, tennis, badminton, pickle ball, etc... Male and Female activities will not necessarily be the same.

P8400 (PEA)

WEIGHT TRAINING (Male Instructor)

.5 credit Grade 10-12

\$5 towel fee per semester

Additional fee required for this class.

\$20 uniform fee (\$10 shirt \$10 shorts)

Class is individually oriented and designed for students to tone, shape, and strengthen the body. Areas of focus will be Weight lifting (Snatch and Clean and Jerk). Power lifting (dead lift, squat, bench) and circuit training.

P8150 (PEF, PEA)

LA-CONDITIONING

(Sports Teams)

.5 credit Grade 9-12

\$5 towel and locker fee per semester

Additional fee required for these classes.

Prerequisite: TRYOUTS REQUIRED

Pre-season sports conditioning Varsity and junior varsity practice during season.

These courses are a means of coping with stress and contributing to the fitness and well-being of the individual. The students in these courses will specialize in a season of competitive sports participation.



P7521 (PEA)

SWIM TEAM (CO ED)

.50 credit Grade 10-12

Additional fee required for this class.

Joining this class makes you a member of the swim team.

Although no prior swimming experience is necessary, EVERYONE will be required to compete at the meets. After school workouts are also part of being a member of the swim team. Workouts may last up until 4:00 pm everyday and will include dry land workouts such as strength training and some running in addition to the swim workouts. The swim team also participated in a few fundraisers and service projects through out he year in which attendance is required. Participants will need to pay the participation and locker fees and will also be required to

purchase a team suit and minimal team apparel.

**TRACK AND FIELD (PEA) (CO-ED)
(AFTER SCHOOL)**

.25 credit Grade 10-12

Additional fee required for this class.

Prerequisite: Coach approval. Provides competitive training for the track and field athlete. Class includes aerobic fitness training, calisthenics, weight training, skill development, and speed training for region and state competition. Training includes required after school workouts.

**CROSS COUNTRY (PEA) (CO-ED)
(AFTER SCHOOL)**

.25 credit Grade 10-12

Additional fee required for this class.

OTHER TRY OUT SPORTS AVAILABLE AFTER SCHOOL: TENNIS, GOLF etc. (PEA)

.25 Credit Grade 10-12

YOU MAY ONLY EARN A TOTAL OF .50 CREDITS IN GRADES 9-12 FOR EXTRA CURRICULAR SCHOOL SPONSORED SPORTS/ACTIVITIES THAT ARE OFFERED AFTER SCHOOL

P8310 (A, PEA)

LA-DANCE 1 (Beginning)

.5 credit Grade 10-12

\$5 fee per semester

Beginning dance technique and movement will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up modern dance. Students must furnish appropriate dance attire.

P8320 (A, PEA)

LA-DANCE 2 (Intermediate)

.5 credit Grade 10-12

\$5 fee per semester

Intermediate dance technique and movement will be taught. Different dance styles will be explored, with emphasis being placed on the basic elements that make up modern dance. Students must furnish appropriate dance attire.

P8330 (A, PEA)

LA-DANCE 3 (Advanced)

1 credit Grade 10-12

\$5 towel and locker fee

\$10 costume fee

Prerequisite: Prior teacher approval Advanced dance class focusing in depth on basic principles of technique that will improve the students' strength, flexibility, performance, stamina and overall dance ability. The elements of basic dance improvisation/composition will continue. Students must furnish appropriate dance attire. Students will perform in the spring concert.

P8020 (PEA)
LA-BALLROOM 2
.5 credit Grade 10-12

This co-ed dance class teaches various forms of American style social dancing. All of the social dances taught are designed to give students dance experience that they can share and enjoy on any social dance occasion. Emphasis is placed on the fox-trot, cha-cha, waltz and triple swing.



P8031-2 (PEA)
LA-BALLROOM TEAM
1 credit Grade 10-12

Prerequisite: Audition. \$150 costume and participation fee. Mastery of step patterns, movement, quality, and style will be emphasized. Team members will compete in individual competition, team formation competitions, and other performances throughout the school year.

P80201-2 (PEA)
LA-Cond/CHEERLEADING
1 credit Grade 10-12

Prerequisite: 3.0 grade point average, tryouts required. \$100 Participation fees. Limited to elected cheerleaders. Students will plan activities and pep assemblies as well as rehearse routines for the various athletic functions. There will also be a summer fee and all elected cheerleaders will be required to go to summer camp. Class will be held during B4 until 4:30 p.m. (Practice may be held daily until 4:30pm) **This is a competitive athletic sport; cheerleaders should expect to work hard.**

P8251-2 (PEA)
LA-Cond/ DRILL TEAM
1 credit Grade 10-12

\$10 towel/locker fee. \$100 participation fee. Additional fees: \$350
Prerequisite: "B" average & tryouts required. Drill team is physically and time demanding. Part of class grade will be determined by extra-curricular attendance and after school activities. Drill team is a performing and competitive group.

P8341 (A, PEA)
LA-DANCE COMPANY
1 credit Grade 10-12

\$10 towel/locker fee. \$250 fee: costume, choreography, music, etc.

Prerequisite: Spring audition. Designed to study dance in technique, choreography, performance quality, and production. Improvement in technique and performance quality will be stressed in all areas of dance. Students must furnish appropriate dance attire. Students must be able to attend rehearsals outside of class.

RESOURCE

Resource classes may be taken only by those admitted to the program.

EN10R1-2 (E10) Grade 10

EN11R1-2 (E11) Grade 11

ENGLISH RESOURCE (Qualified students only)

1 credit Grade 10-11

Prerequisite: Counselor approval (must meet program requirements). Designed to teach basic English skills. Sentence and paragraph structure, punctuation and grammar will be taught. Working on computers in the writing lab will be included in this course

M000R1-2
MATH (Resource)

1 credit Grade 10-12

Prerequisite: Counselor approval (must meet program requirements). Students will learn the basics of math. The curriculum covered in the class will include fractions, decimals, commissions, interest and family budgeting.

ENRSR1-2
READING SKILLS (Resource)

1 credit Grade 10-12

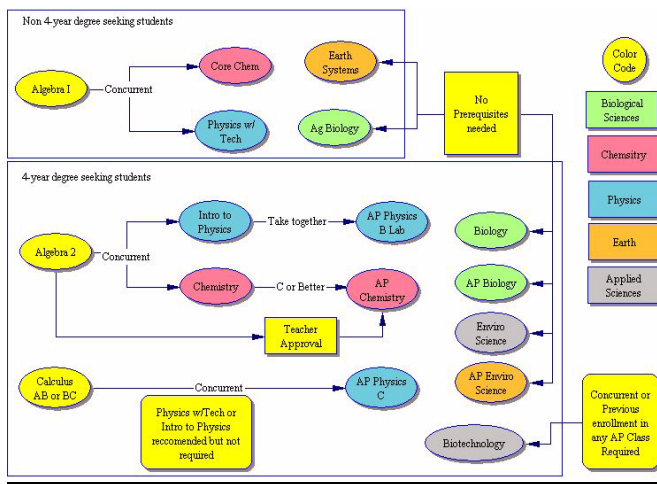
Prerequisite: counselor approval (must meet program requirements). Designed to help students learn and improve basic reading skills. Students will work on skills such as sight words, comprehension and will read at least one book per term.

X540R1-2
Study Skills (Learning Skills)

1 credit Grade 10-12

Prerequisite: Counselor approval (must meet program requirements.)

Science Department Flow Chart & Prerequisites



SCIENCE & APPLIED/ADVANCED SCIENCE CORE

Two core Science credits and one approved Applied/Advanced Science credit are required for high school graduation. (The Applied/Advanced Science (ASC) is currently called ‘Science Elective’ in Skyward) Each of the two **core** classes must come from different quadrants in the chart below. (Example: Earth Systems and Biology.) Any Core Science course **can** count toward Applied/Advanced Science, but repeated courses receive general elective credits only.

Biological Sciences (SC1)

Biology
Biology-Agricultural Sci.
Biology H
Human Biology
AP Biology

Chemistry (SC2)

Chemistry
Chemistry H
AP Chemistry

Earth (SC3)

Earth Systems
AP Environmental Science

Physics (SC4)

Physics
Physics with Technology
Physics H
AP Physics (B & C)

S2001-2 (SCI 3, ASC)

EARTH SCIENCE

1 credit Grade 10-12

\$15 fee Life and physical science content are integrated in a curriculum with a theme of “systems”. Earth Systems emphasizes systems as an organizing concept to understand life on Earth, geological change, and the interaction of the atmosphere hydrosphere, and biosphere. Earth Systems provides students with an understanding of how the parts of a system interact. The concept of matter cycling and energy flow is used to help understand how systems on planet Earth are interrelated.

S3001-2 (SC1, ASC)

BIOLOGY

1 credit Grade 10-12

\$15 fee. Students will study the functions of atoms and molecules in the chemistry of cells, the structure and function of the cell itself, and how a cell functions as a system. Students will analyze how genetic information is passed from one cell to another, and the significance and impact of genetic alteration on living organisms. Students will explore biological diversity, analyze characteristics of ecosystems and the interdependence of organisms with each other and their environment. Hands-on, student-centered activities allow students to explore the relevancy of biology in their everyday lives.

S3011-2 (SCI 1, ASC)

HUMAN BIOLOGY

1 credit Grade 10-12

\$15 fee GENERAL BIOLOGY PREREQUISITE

Counts as a core science class. Topics include simple Chemistry, cell and tissue structure and function, cell division, basic genetics, DNA biology, reproduction and aging. Overview of human body functions, including an introduction to anatomy and physiology, nutrition and exercise and modern medical advances.

C13311-2 (SC1, CTE, ASC)

BIOLOGY AGRICULTURE SCIENCE & TECHNOLOGY

1 credit Grade 10-12

\$15 fee. Designed to meet the requirement for biological science credit. The standards and objectives for this course are the same as the standards and objectives for biology, the only difference being a much higher degree of emphasis on agriculture and plant botany. Students completing this course will become cognizant of current technologies, methods, and changes in agricultural science and are expected to know and apply the standards outlined in the core curriculum as they relate to the industry of agriculture.

S300A1-2 (SC1, ASC)

AP BIOLOGY

1 credit Grade 10-12

\$15 lab fee. Previous course work in biology and elementary algebra is recommended along with other sciences. This is a college level course and students will have the opportunity to take the AP exam. Course emphasis includes molecular biology, cellular biology, organism biology, and population biology. Highly recommended for students pursuing careers in medicine, forestry, genetics, microbiology or biochemistry. . **CONCURRENT ENROLLMENT AT UVU AVAILABLE FOR 9th- 12 GRADERS.** \$5.00 per credit hour is now charged for concurrent enrollment.

C16011-2 (ASC, CTE)

ANIMAL SCIENCE

1 Credit Grade 10-12

\$15 fee. Exposes students to a wide range of scientific principles such as genetics, anatomy, physiology, nutrition, diseases, pests, and management practices. The scientific processes of observation, measurement, hypothesizing, data gathering, interpretation, analysis, and application are stressed. This course will cover a wide range of animals from farm animals to household pets. Career opportunities and educational preparation are examined. Learning activities are varied with classroom, laboratory, and field experiences. The course will include agricultural leadership.

S4001-2 (SC2, ASC)

CHEMISTRY

1 credit Grade 10-12

\$15 fee Prerequisite: Completion of or concurrent enrollment in Secondary Math 2. Chemistry is a physical and *mathematical* science. We will focus on problem solving and quantitative relationships throughout the course. In chemistry we study matter: changes in matter, the structure of matter, states of matter, mixtures of matter as well as periodic law, chemical formulas and reactions, kinetics, acids/bases and pH, gases. Students should have good study habits and a competent command of Algebra skills. This course is recommended for university-bound students seeking a four-year degree.

S400A1-2 (SC2, ASC)

AP CHEMISTRY

1 credit Grade 11-12

\$15 fee Prerequisite: Secondary Math 2, Chemistry. This course is equivalent to first year (2 semesters) inorganic chemistry at a university. Concepts from CHEMISTRY are covered with a more in-depth, mathematical approach. Electrochemistry, equilibrium, thermodynamics, coordination chemistry, and chemical analysis are also covered. A great emphasis is placed on problem-solving and laboratory skills. Extra time will be spent during Advisory Period in order to have enough time for laboratories. This class is an excellent preparation for college and is strongly recommended for students serious about pursuing higher education at the university level. Passing the AP Chemistry class will allow students to fulfill two physical and mathematical science credits toward their Associates Degree.

S400H1-2 (SC1, ASC)

CHEMISTRY HONORS

1 credit Grade 10-12

\$15 fee Prerequisite: Completion of Secondary Math 1.

This course presents the foundations of chemistry. Topics to be taught include: chemical measurements, atomic structure, formulas, chemical reactions and equations, chemical nomenclature, stoichiometry, molecules and chemical bonding, gas laws, liquids, solids, solutions and acids and bases. This is a concurrent enrollment class which means that it is academically equivalent to college level CHEM 1010 and 1015 classes. The rigor and grading standards reflect university standards. Chemistry 1010/1015 fulfills a Physical Science general education course requirement for all institutions of the Utah System of Higher Education. This class follows a flipped classroom model and relies heavily on internet resources. It is strongly recommended that those taking the class be enrolled for concurrent enrollment credit. Sophomores will need special permission to get concurrent enrollment credit so it is recommended that the process be completed in the summer before school starts.

C43011-2 (ASC, CTE)

BIOTECHNOLOGY

1 credit Grade 9-12

\$15 fee Biotechnology is an introductory level lab class about the exciting field of genetic engineering, and involving information about careers in science, medicine and forensics. This is a lab based class. In biotechnology, we gain our knowledge of biological organisms to solve problems that occur in the real world. Topics covered include: microbiology, genetics, bioinformatics, proteomics, genomics, forensics, agriculture, stem cell research and genetically modified organisms. Students gain extensive lab skills as each of the course's topics are investigated in a hands-on way.

CONCURRENT ENROLLMENT IS AVAILABLE FROM UVU FOR 9th- 12 GRADERS. \$5.00 per credit hour is now charged for

concurrent enrollment.

S5001-2 (SC4, ASC)

PHYSICS

1 Credit Grade 10-12

\$15 fee. Prerequisites: Concurrent in Secondary Math 2

or higher. Students will analyze motion and forces using Newton's Laws, investigate energy and energy transformations, and describe periodic motion and waves. Hands-on, student centered activities allow students to better interpret and understand the physical world. This course is especially suitable for the college bound student interested in medicine or science/engineering majors.

This class is for any student that is taking Sec. Math 2 right now or any student who is taking Pre-calculus and does not plan to move on to Calculus. Any student that plans to seek a 4-year degree should take this physics class.

Career goal keywords: (pre-med, nursing, business, any 4 year degree)

At the end of this course the students will have a base knowledge that will give them the option of taking the AP Physics Exam.

C82111-2 (SC4, CTE, ASC)

PHYSICS with TECHNOLOGY 1

1 credit Grade 10-12

\$19 fee Prerequisite: Concurrent in Secondary Math 1 or higher. This is an instructional course on applied physics that teaches technical principles, concepts, science skills and mathematical skills including lab activities. This course is designed for a student who plans to attend a trade/technical school or entering the labor force directly from high school. This is also for any student that is not on track to move past geometry in high school. Topics include mechanical, fluid and electrical, and thermal systems. These systems are taught by focusing on the principles that relate to force, work, rate, resistance, energy, momentum and power. A strong work ethic and productivity are an integral part of the classroom and laboratory activities.

S50CA1-2 (SC4, ASC)

AP PHYSICS - C

1 credit Grade 11-12

\$19 fee. Prerequisite: Concurrent enrollment in or completion of Calculus AB or BC. Course is equivalent to a first semester calculus based college physics (Physics for Scientists and Engineers). It is a practical course dealing with the principles of motion, dynamics, work and energy. Emphasis is placed on problem solving; therefore students must have a solid background in math. This course is highly recommended for college bound students entering a science, computer science or engineering program and all calculus students. Students should plan on taking the AP Physics C

Exam for college credit. Students taking BC Calculus must take this class. **Career goal keywords:** (scientist, engineer, computer science, ROTC, major 4 year university)

S7702 (ASC)

WEATHER/METEROLOGY

.50 credit Grade 10-12

\$9.50 FEE Students will study the Earth's weather. Among the topics taught in this course will be the earth's atmosphere, seasons, humidity, the water cycle, precipitation, wind, weather fronts, and severe weather. Students will be introduced to weather forecasting methods.

C81100 (ASC, CTE)

PRE ENGINEERING (Robotics Mechatronics, Animatronics Engineering)

.50 credit Grades 10-12

\$10 lab fee The class will introduce students to the fields of: **MECHATRONICS:** an industrial robot is a prime example of a mechatronics system; it includes aspects of electronics, mechanics and computing, so it can carry out its day to day jobs. **ANIMATRONICS:** Animatronics refers to a robotic device that emulates a human or an animal, or brings an inanimate object to life. Students will produce an animatronics device complete with an appropriate display. The animatronics device must use control technology in its performance. We will use **LEGO Mindstorms** kits to construct electronic and mechanical design, prototyping of robots and machines. **BRIDGE DESIGN:** Using the West Point model. **PROBLEM SOLVING:** using fantastic contraptions, to solve engineering problems.

ENGINEERING DESIGN: Engineering scope, content and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to solve engineering design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Students will have the opportunity to participate and compete with TSA (Technology Student Association) in local, state and national conventions.

S7750 (ASC)

ZOOLOGY

1 credit Grade 11-12

\$19 fee

This course is a biological science class that covers the nine phylum of the animal kingdom. There will be online and laboratory work including virtual and in class dissections. A biology prerequisite is preferred.

SOCIAL STUDIES



\$4 fee for All Social Studies

HGCT0 (GC, SS)

GOVERNMENT & CITIZENSHIP

.5 credit Grade 11-12 (Graduation requirement)

“This course recommended for Juniors and Seniors only.”

This semester course will provide students with knowledge of United States and Utah State Government which will enable them to participate effectively in civic life. Students will examine fundamental constitutional principles, the organization of government at all levels, economic systems, and the rights and responsibilities of citizenship. Attendance at various local government meetings may be required.

HGCTA1-2 (SS, GC)

GOVERNMENT AND POLITICS AP

1 credit Grade 11-12 (Will replace regular Gov & Cit and Social Studies Elective)

Prerequisite: Good understanding of US History and teacher approval. This course moves at a college level and covers the foundations, structure and operations of the U.S. Government. It is combined with the study of comparative world politics with an emphasis on the governments of China, Iran, Nigeria, Mexico, United Kingdom, European Union, and Russia. Students will gain an understanding of the governmental and legal systems of the United States and insight into the governments of major countries. This is a course that prepares the advanced students for the AP exams in May.

HXPS0 (SS)

PSYCHOLOGY

.50 credit Grades 10-12

This course is a survey of basic concepts and methods of psychology as a behavioral science and seeks to develop an understanding of the individual and social forces that influence and direct behavior. Throughout the semester we will discuss the foundations, methods, concepts, and career opportunities in psychology as well as emotion, motivation, personality, and psychological disorders.

HXPSA1-2 (SS)

PSYCHOLOGY AP

1 credit Grade 10-12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. *This class is a college level course for advanced students who are academically motivated and desirous of taking the AP exam.*

HXPPS1-2 (SS)

SPORTS PSYCHOLOGY

.50 credit Grade 10-12

This course will explore the mental and psychological factors that impact athletic performance, specifically focusing on motivation, concentration, focus, confidence, anxiety, and relaxation. The students will learn how to apply the theory and research to achieve excellence in their sport. The students will also learn how to set measurable goals and strategies to achieve them, visualization techniques, leadership, team-building, and how to best cope and recover from injury. It is suggested that students register for the class during or prior to their season.

HXS00 (SS)

SOCIOLOGY (semester class)

.5 credit Grade 10-12

Course introduces the student to the principles of sociology. Students will study society, one's role in it, issues and problems, social change, and social movements. It includes a study of basic institutions & social organizations.

HXS00 (SS)

SOCIOLOGY (year class concurrent enrollment (CE) with Robertson A1. Must choose this class both semesters)

1 credit Grade 11-12

Course introduces the student to the principles of sociology. Students will study society, one's role in it, issues and problems, social change, and social movements. It includes a study of basic institutions & social organizations.

CONCURRENT ENROLLMENT IS AVAILABE FROM UVU FOR 11TH & 12TH GRADERS.

\$5.00 per credit hour is now charged for concurrent enrollment.

HUS21-2 (US)

UNITED STATES HISTORY 2

1 credit Grade 10-12 (Graduation requirement)

Course emphasizes the history of the United States, through the study of basic geographic, economic, social, political, and historical developments following reconstruction and the westward movement to the present. Emphasis is placed on the Constitution and the American system of government. Students will identify ways to solve problems, make decisions, and participate as a responsible citizen of the

United States, while developing basic tools of historical interpretation, research, and analysis.

**HUS1E1-2 (US)
UNITED STATES HISTORY 2 ELL**

1 credit Grade 10-12

**This class is for qualified ELL students only.
TEACHER/COUNSELOR APPROVAL.**

**HUS2A1-2 (US, SS)
AP UNITED STATES HISTORY**

1 credit Grade 11-12

Prerequisite: United States History or teacher approval.

Course moves at a rapid pace and covers all important events and periods of United States history. Students will gain an integrated understanding of the United States heritage. Students should expect a considerable amount of homework including text and document reading, independent research, and writing. Students will have a chance to develop many academic skills including: interpretive reading and listening, critical thinking and reasoning, various forms of historical writing, essays, testing, and verbal presentations. Students are encouraged to take the AP exam in May.

**HXAW0 (WC, WS, SS)
ANCIENT WORLD HISTORY**

.5 credit Grade 10-12

Course will introduce students to the tools of understanding available through archeology, anthropology, geography, economics, and political science, as they examine the history of man from prehistoric time through middle ages. The course will emphasize the growth and development of major civilizations including Mesopotamia, India, Egypt, China, Greece, and Rome. An examination of each area's art, architecture, religion, political structure, resources, culture, and technology will be covered.

**HXMW0 (WC, WS, SS)
MODERN WORLD HISTORY**

.5 credit Grade 10-12

Course will examine and analyze the commonalities and differences of human experience in at least six spheres of human activity: social, scientific/technological, economic, religious/philosophic, geographic, and political. A minimum of three regions, one being Western Europe, will be covered in the semester. Attention will be focused on the periods since 1500 AD and the development of the current societies of the world.

**HWC3A1-2 (WC, WS, SS)
AP WORLD HISTORY**

1 credit Grade 11-12

Prerequisite: Good Understanding of World History and teacher approval. A world history class beginning in 1000 A.D. and continuing until the present. The class examines six overarching themes: impact of societal interactions, change and continuity across world history periods, impact

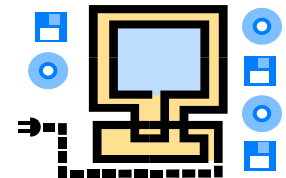
of technology and demography, social and gender structures cultural and intellectual developments, and functions and structures of states. This class is a college level course for advanced students who are academically motivated and desirous of taking the AP exam.

**HXAN0 (SS)
ANTHROPOLOGY**

.50 credit Grade 11-12

This course focuses on the four sub-disciplines of Anthropology: physical, cultural, archeology, and linguistics. Fieldwork among virtually all of the earth's peoples, combined with theories of explanation, bring unique insights to the wide spectrum of human behavior. A geographical and historical sampling of human institutions and ways of life will help students develop a greater understanding of the role of **CULTURE** in human behavior.

**TECHNOLOGY
EDUCATION**



**C60511-2 (CTE)
DIGITAL MEDIA 1**

1 credit Grade 10-12

\$7.50 fee. This class is a prerequisite for Advanced TV/Video.

This hands-on class will help introduce students in to the world of interactive multimedia. Students will work with several areas of technology while producing an interactive multimedia product. Students will work with software packages in the areas of: multimedia authoring, graphic design, audio manipulation, digital photography, and digital video. Students will learn the planning and producing steps of a multimedia project. Students will be introduced to the different occupational opportunities in the multimedia career field. **CONCURRENT ENROLLMENT IS AVAILABE FROM UVU FOR 11TH & 12TH GRADERS.** \$5.00 per credit hour is now charged for concurrent enrollment.

**C70411-2 (CTE)
TV BROADCASTING 1**

1 credit Grades 11-12

\$15.00 lab fee

Prerequisite: Multimedia

Students will enhance concepts and skills that will strengthen their abilities for a career in the field of television and video production. Students will further their ability to

operate equipment and edit video/audio. This class focuses on live productions of school events including sports, plays, concerts, and assemblies. In class work will include a focus on short films, animation, special effects, web design, audio production, graphic design, and a class produced TV show.

TRADE/INDUSTRY **EDUCATION**



C81210 (CTE)

3D ENGINEERING DESIGN (Open to all Students)

.50 credit Grade 10-12

Lab fee \$10

This course introduces students to the engineering design process. Through the use of computer aided design software and 3D parametric modeling students will design and print a car to compete at the 3D Derby at UVU. They will recognize the role that design plays in the history of our society, and the properties of good design. Students will plan, complete and document a number of analysis based designs. Student skills will be developed in the creation of memos, design reports, and technical drawings using computer-aided design. This course content will be covered through a series of hands-on-activities. Students will have the opportunity to participate and compete with **TSA** (Technology Student Association) club in local, state and national conventions.

C74150 (CTE)

TECHNICAL DESIGN 1 (BASIC DRAFTING/INTRO TO CAD COMBINATION) OPEN TO ALL STUDENTS

.5 credit Grade 10-12

\$10 Lab fee A UVU concurrent enrollment class.

This is the first instructional course in a sequence of courses that prepares individuals to develop technical knowledge and skills required to plan and prepare scale pictorial interpretations of engineering and design concepts. This includes instruction in the use of 2D/3D CAD software, sketching, drawing layout, geometric, construction, orthographic projection, and dimensioning. Students will have the opportunity to participate and compete with **TSA** (Technology Student Association) club in local, state and national conventions. \$5.00 per credit hour is now charged for concurrent enrollment.

C74450

TECHNICAL DESIGN 2 (CTE) (ADVANCED DRAFTING)

.5 credit Grade 10- 11-12

\$10 Lab fee A level 2 class to be taken after, or with Engineering Design 1. A UVU concurrent enrollment class.

This course prepares individuals with an emphasis in mechanical drafting to apply technical knowledge and skills to develop working drawings in support of mechanical and industrial engineers, and related professionals. It also includes instruction in manufacturing materials and processes, sectioning, mechanical drafting, basic welding, geometric dimensioning and tolerancing, blueprint reading and technical communication. Students will have the opportunity to participate and compete with **TSA** (Technology Student Association) club in local, state and national conventions.

C74250 (CTE) Semester class

ARCHITECTURAL DESIGN 1 (CTE)

.5 credit Grade 10-12 OPEN TO ALL STUDENTS

\$10 lab fee This is a beginning semester class, for students of all grades. Areas of study include, BIM (Building information modeling.) All work is done within a 3D model. Students will demonstrate, and apply mathematics and measuring skills, drawing techniques, computer software to create architectural drawings ,design fundamentals, room planning, layout a residential floor plan, analyze, calculate and design footings and foundations, layout exterior elevations, layout wall construction, complete a door and window schedule, electrical plans, stair details, plot plans and develop professional skills for the workplace. This class is based on the state Architectural Drafting task list. This course is based on the state Architectural Drafting task list. Students will have the opportunity to participate and compete with **TSA** (Technology Student Association) club in local, state and national conventions.

C81100 (ASC, CTE)

PRE ENGINEERING TECH. (Robotics Engineering Design, GPS))

.50 credit Grades 10-12

\$10 lab fee.

The class will introduce students to the fields of:
MECHATRONICS: an industrial robot is a prime example of a mechatronics system; it includes aspects of electronics, mechanics and computing, so it can carry out its day to day jobs. We will use **LEGO** mindstorms kits to construct electronic and mechanical design, prototyping of robots and machines. **BRIDGE DESIGN:** using the West Point bridge model. **PROBLEM SOLVING:** using fantastic contraptions, to solve engineering problems.

ENGINEERING DESIGN: Engineering scope, content and professional practices are presented through practical applications. Students in engineering teams apply technology, science, and mathematics concepts and skills to

solve engineering design problems. Students research, develop, test, and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. **GPS:** Student participates with a global positioning device to locate geo cache, mark waypoints, and calculate area and speed. Students will have the opportunity to participate and compete with **TSA** (Technology Student Association) club in local, state and national conventions.

C74820 (A, CTE)
ADVERTISING/COMMERCIAL ART
.50 credit Grades 10-12

\$10 fee. Students will work in each of the following areas using a wide variety of media: layout, commercial design, lettering, graphic areas, drawing, illustration, painting, and an introduction to Adobe Photoshop and Illustrator. Students will need to purchase some drawing and painting tools and paper. Students will be involved in the selection of subject matter and media used. Students will be required to create a portfolio of their best work. **Second year students may also register for this class.**



C76411-2 (CTE)
CONSTRUCTION ENGINEERING
(BUILDING CONSTRUCTION)
4 credit Grade 11-12

\$15 & purchase of various tools
Students are introduced to engineering, architecture, construction management, and the wide variety of construction trades by physically building a residential home, on-site from the ground up, giving student proficiency in structural sequences, components, and finish materials. Six college credits (UVU concurrent enrollment) are earned upon successful completion of the course. **Students should sign up for either AM schedule (periods, A1, A2, B5, B6) of PM schedule (periods A3, A4, B7, B8).**

C76010 (CTE)
WOODWORKING (Semester class/New)
.50 credit Grade 10-12

\$15 lab fee and the cost of materials range from \$10 to \$150.
This is a ½ credit, one semester class designed for those students who only wish to take one semester of woodworking. The time spent in the lab is less. The course objectives are the same as the 1 credit full year class. Students will complete a safety program and receive instruction in cutting, shaping, assembly, designing, planning, and finishing. The number of projects will be determined by the student and the teacher. Students who want a full year experience and/or want Concurrent Enrollment credit should repeat this class 2nd semester or take the 1 credit full year class.

C76011-2 (CTE)
WOODWORKING (Year Class)
1 credit Grade 10-12

\$15 lab fee and the cost of materials range from \$50 to \$150. Students will complete a safety program. Students are required to pay for their own materials. An activity-oriented instructional course that prepares individuals for enrollment in advanced vocational and technical education programs that includes basic technical information and laboratory experiences directly related to the woodworking industry. Includes instruction in cutting, shaping, assembling, designing, planning, and drafting layouts. **Concurrent Enrollment credit at UVU is available.** \$5.00 per credit hour is now charged for concurrent enrollment.

C76211-2 (CTE)
CABINETMAKING (Woodworking 2)
1 credit Grade 10-12

\$15 lab fee and cost of materials range from \$50 to \$300.
Prerequisite: Woodworking 1.
Continuation of Woodworking 1. Students will work on individual advanced projects, cabinets, and furniture. Students must be prepared to plan, produce, and complete advanced projects along with meeting their expenses. Work ethics and productivity will be expected. Students will also learn to make store fixtures, kitchen cabinets, and office equipment. The state test for cabinet/millwork will be taken. Those passing by 80% will receive a certificate. **Concurrent Enrollment credit at UVU is available.** \$5.00 per credit hour is now charged for concurrent enrollment.

C71810 (CTE)
LAW ENFORCEMENT
.50 credit Grades 11-12

This course introduces individuals to the different duties of a police officer, including: patrol, corrections, investigations, traffic enforcement, evidence collection, courtroom procedures, crime prevention, and a history of law enforcement including what Supreme Court cases and laws govern the actions of a police officer.

Objectives of the Law enforcement class:

- ❖ To understand law enforcement history, crime awareness, and causes of crime.
- ❖ To understand the law, criminal justice system, and trial proceedings.
- ❖ To understand the corrections system and juvenile justice.
- ❖ To understand the arrest procedures, policies and ethics of law enforcement officers, and law enforcement activities.
- ❖ To understand procedures relating to traffic investigations and evidence collecting and handling.
- ❖ To understand patrol tactics and investigative

work.

- ❖ To understand law enforcement as an occupation.

C81410 (CTE)

INTERNSHIP

.50 credit Grade 12 MUST HAVE CAREER GOAL!

Prerequisite: Teacher approval and must take a related CTE course at the high school. Must have a 2.5 GPA.

This semester class offers on-the-job training in the chosen field. The internship will be an **UNPAID** learning experience. Students will receive close supervision from the instructor and a mentor at the internship location. The internship includes two weeks in class at the beginning of the semester and two weeks at the end of the semester to work on various written assignments and paperwork. Additionally, the class will meet every other Monday to share experiences and learn job skills.

ONLY OFFERED ON 'A' DAYS & MUST BE TWO CLASS PERIODS IN A ROW. FOR EXAMPLE: A1 & A2 OR A2 & A3 OR A3 & A4 OR A4 & A5.

C70010 (CTE)

KPGR RADIO 1-INTRODUCTION

.5 credit Grade 10-11

\$3.75 lab fee A semester class with enrollment limited to sophomores and juniors. Students must complete this class before being accepted to the working staff of KPGR. The course content will be performance-oriented. Students will explore how to promote a radio station, marketing, on air broadcasting, and a short introduction to video broadcasting. Students will study broadcasting fundamentals which are needed for acceptance into the radio station staff.



C70021-2 (CTE)

KPGR RADIO 2

1 credit Grade 11-12

Prerequisite: Intro to Broadcasting (Radio 1) and teacher approval.

\$7.50 lab fee and \$15 fee for equipment and supplies.

Class will deal with production of news and features for broadcasting, web design, audio/video pre/post production, and sports broadcasting. The course is an introduction to broadcasting as a career. Preparation for the class will begin around the first week of August when students will be trained in both the equipment and procedure of the radio station. Students will be assigned a weekly radio show of 1 1/2 hours, which will continue throughout the year.

C70031-2 (CTE)

KPGR RADIO 3

1 credit Grade 12

Prerequisite: KPGR Radio and teacher approval.

\$7.50 lab fee Students will be operating KPGR during the daytime and will be assigned to a specific class period. Students will assist in the engineering responsibilities of the station. Students will be required to make a demo tape each term.

AX301-2 (elective credit)

STAGE CRAFT

1 credit Grades 10-12

No Fee

Stagecraft allows students to gain knowledge of the technical aspects of a working theatre. They will have the opportunity to work in lights, sound, costumes, scenic painting, and set construction. Students will work in small groups supervised by the Technical Director. Each student is required to work 20 hours per term outside of class. Students are responsible to staff school assemblies, pageants and other community events, school productions and concerts, and any other event that is held in the auditorium. **THERE IS A SUBSTANTIAL AMOUNT OF EXTRA-CURRICULAR TIME INVOLVED IN THIS CLASS.** Students should be prepared for after school time invested in this course.

C27510 (CTE)

LEADERSHIP PRINCIPLES

.5 credit Grades 11-12

Students will learn what leadership is, how to create a vision, and how to set goals. Students will learn the steps in decision making, the governing principles of time management, and how to determine what source of power is best. Team building, dealing with change, and managing conflict will be discussed. Students will learn about setting ethical standards and how to develop a personal leadership style. Students will attend a leadership conference and participate in a leadership experience at Clear Creek.

CONCURRENT ENROLLMENT IS AVAILABLE FROM UVU FOR 11TH & 12TH GRADERS.

\$5.00 per credit hour is now charged for concurrent enrollment.

C77210 (A, CTE)

DIGITAL PHOTO I

.5 credit Grades 11-12

\$15 fee. Includes all the fundamentals of using a 35 mm camera, developing black and white film, enlarging black and white prints in the darkroom, and the history and development of photography. Little, if any digital photo included. **Students must provide their own 35 mm camera (either automatic or manual), and purchase their own disposable materials (film, photo paper, and negative sleeves).**

C77510 (A, CTE)

ADVANCED PHOTO

.5 credit Grades 11-12

\$15 fee. Prerequisite: DIGITAL PHOTO Includes a review of the fundamentals of using a 35 mm camera, developing black and white film and enlarging black and white prints in the darkroom. This course will introduce students to more creative aspects of photography. This course also includes and introduction to digital photography. The principles and elements of design will be the main focus of each assignment. **Students must provide their own 35 mm camera (either automatic or manual), and purchase their own disposable materials (film, photo paper, and**

negative sleeves). **CONCURRENT ENROLLMENT IS AVAILABLE AT UVU FOR 11TH & 12TH GRADERS**
\$5.00 per credit hour is now charged for concurrent enrollment.

**C71011-2 (CTE)
COSMETOLOGY Grade 12**

Prerequisite: Counselor approval. Class is available through private schools in the area. See your counselors for more information.

ELECTIVE CLASSES

**COLOR GUARD
1 credit Grade 10-12**

Prerequisite: Tryouts required, but no prior experience necessary. April try-out required for summer and fall Color Guard. November try-out required for winter Color Guard. Fees for summer and fall not to exceed \$250 plus there are tour fees. Fees for winter Guard not to exceed \$275. The Color Guard is a competitive co-ed performing arts team. Students will learn fundamentals in dance, drill, and spinning equipment (flags, rifles, and sabers). The team will learn choreographed routines and productions for competition. The team will perform in various parades during the summer, field show competitions with the marching band during the fall, and indoor competitions during the winter. Summer and out of school hour practices, performances, and competitions are required.

**X4210
PEER TUTOR
.50-1 credit Grade 10-12**

Class is designed to offer students a unique learning experience. Peer tutors are provided with the opportunity to work with and develop relationships with students in the Life Skills class room who have varying disabilities. Students will be peer models of acceptable behavior and work skills. Students will also have the opportunity to teach students in the Life Skills classroom functional academic, social and vocational skills. **CONCURRENT ENROLLMENT IS AVAILABLE FROM USU FOR 12TH GRADERS.**
\$5.00 per credit hour is now charged for concurrent enrollment.

**XX601 – XX602
SEMINARY (Released Time)
No credit Grade 10-12**

A student may be released from one regular class period each semester to receive religious instruction. **Attendance rules are applicable in seminary.**

**X5201-2
SPIRIT TEAM**

**1 credit Grade 10-12
Prerequisite: Must have a 2.5 GPA.**

\$50 fee. A course for those interested in promoting school spirit through performance in extra-curricular and classroom activities. Classroom activities include making locker decorations, signs, and posters for members of clubs and athletic teams within the school. Some after school activities are required. Attendance at home football and basketball games is required. Fees go towards monthly field trips & activity sweatshirt.

**X5251-2
STUDENT COUNCIL
1 credit Grade 10-12**

Prerequisite: Teacher approval. Course designed for elected student body and class officers. Students will plan and provide, and /or manage school wide activities to create school and community spirit. **For eligibility requirements see ASPGHS Student Handbook**

**X0121-2
TEACHER AIDE
1 credit Grade 11-12**

Prerequisite: must have teacher and counselor approval on written application. A student may be an aide **one period only.** Students who have earned most of his/her graduation requirement credits may desire additional work in a subject area by asking a teacher to select him/her as a student aide. If the request is granted the student will help the teacher by doing tasks related to the subject.

**AX451-2
THEATRE PRODUCTIONS/DIRECT
1 credit Grade 11-12**

**\$60 fee Prerequisite: Drama & Film/Drama 2
AUDITION ONLY**

This is a full year course in music, dance and theatre that allows students to gain experience through the production of the Spring Play. Students are in charge of the production from conception to strike on closing night. Students will receive training in music, singing, acting, dance and movement. The performance of the Spring Play is open to the general public.

**X4201-2
PEER LEADERS (Latinos in action)
Prerequisite: Teacher approval**

**ENML0
LIBRARY MEDIA LITERACY
.50 CREDIT Grades 11-12**

The mission of the Utah Library Media/Information Literacy Core Curriculum is to ensure that all students are effective users of ideas and information in all formats. Students will integrate, analyze and evaluate content as they are trained in media center operations; such as consideration of materials to purchase, circulation of materials, shelving and care of all resources, statistical information, and research techniques. Students will learn criteria for maintaining the print collection as well as all other resources, including the physical facility.

AX301-2**STAGE CRAFT****1 credit Grades 10-12****No Fee Prerequisite: Must have teacher approval**

Stagecraft allows students to gain knowledge of the technical aspects of a working theatre. They will have the opportunity to work in lights, sound, costumes, scenic painting, and set construction. Students will work in small groups supervised by the Technical Director. Each student is required to work 20 hours per term outside of class. Students are responsible to staff school assemblies, pageants and other community events, school productions and concerts, and any other event that is held in the auditorium. THERE IS A SUBSTANTIAL AMOUNT OF EXTRA-CURRICULAR TIME INVOLVED IN THIS CLASS. Students should be prepared for after school time invested in this course.

X6001**YEARBOOK SEM 1****X 6002****YEARBOOK SEM 2****Must take Yearbook SEM 1 & Yearbook SEM 2****It's a YEAR class with varied name for each semester.****1 credit Grade 10-12****\$15 fee**

Prerequisite: "B" average in English or teacher approval. Students will produce the school yearbook and develop and use skills in desktop publishing, writing, art, layout design, photography, and business management. The computer programs used for this course are, Adobe InDesign/Adobe Photoshop.

Alpine School District**IVC CLASSES (INTERACTIVE VIDEO****CONFERENCE CLASSES)****ROOM 191 for Pleasant Grove High School students****A2 Mod World History – Host school LPHS (Y)**

HXMW sem. class-Teacher Chartina Voorheis

A4 Mythology – Host school OHS (Y)

ENMY0 sem. or year class – Teacher Kira Young

B5 AP Euro History – Host school OHS (Y)

HXEHA year class – Teacher Matt Logan

B7 Japanese 1 – Host school AFHS (Y)

LJP2 year class – Teacher Marisa Bellini

